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**THE TUSKEGEE INSTITUTE BULLETIN**  
PUBLISHED QUARTERLY

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APRIL-JUNE

NO. 2

**ANNUAL  
CATALOG EDITION  
1914-1915**



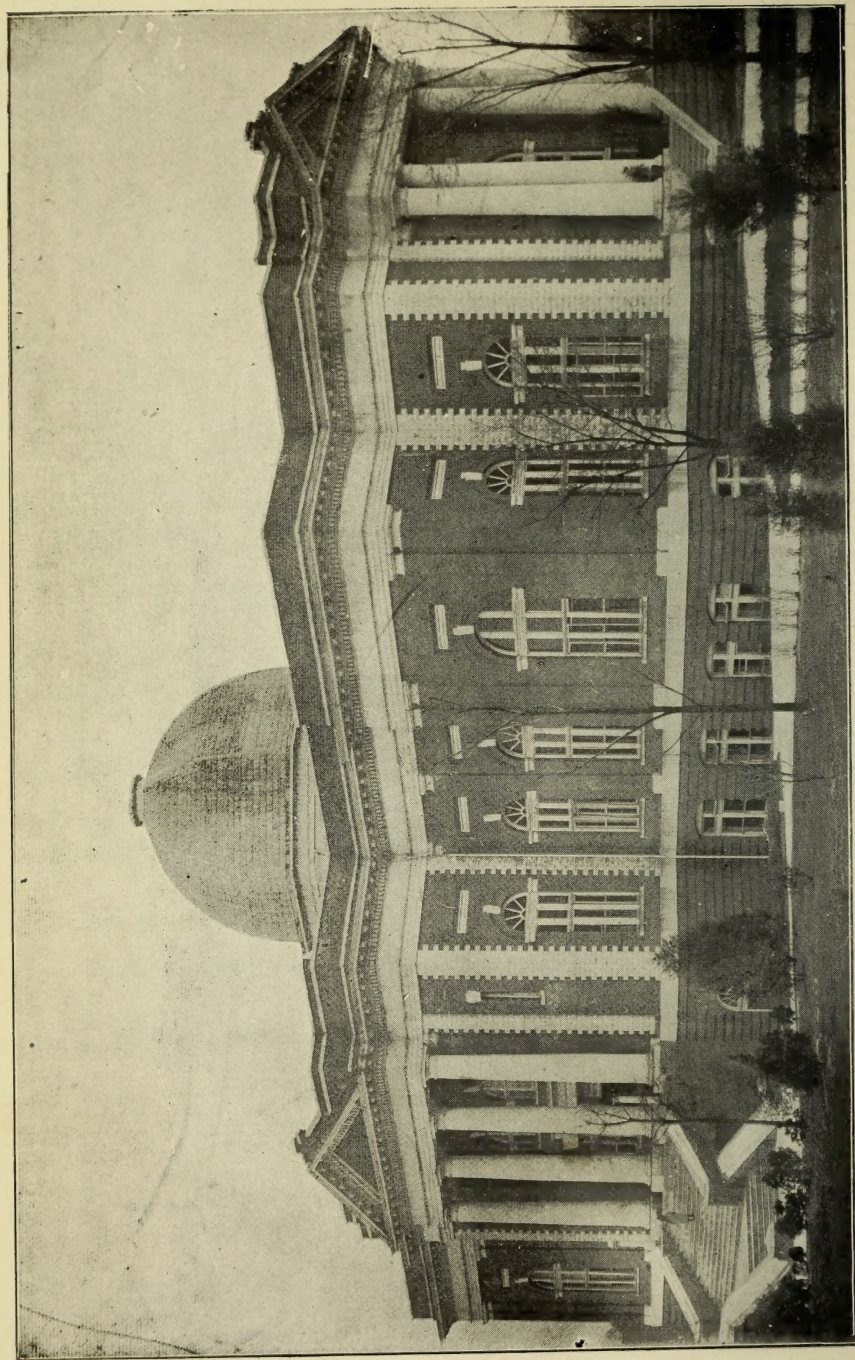
**TUSKEGEE INSTITUTE, ALABAMA**

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The Students' Dining Hall

# THIRTY-FOURTH ANNUAL CATALOG

THE TUSKEGEE NORMAL  
AND INDUSTRIAL  
INSTITUTE



1914-1915

INSTITUTE PRESS  
TUSKEGEE INSTITUTE, ALABAMA

191

A. C. W.



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Emmett J. Scott, Secretary.....Tuskegee Institute, Alabama

## ANNOUNCEMENTS FOR 1915-1916

**1915**

**September 14, Tuesday**.....First Term Begins  
**November 25, Thursday**.....Thanksgiving Day  
**December 24-25, Friday-Saturday**.....Christmas Holidays

**1916**

**January 1, Saturday**.....New Year's Holiday  
**3, Monday**.....Week of Prayer Begins  
**10, Monday**.....First Term Examinations Begin  
**17, Monday**.....Second Term Begins  
**19, Wednesday**.....Tuskegee Negro Conference  
**20, Thursday**.....Tuskegee Workers' Conference  
**30, Sunday**.....Armstrong Memorial Exercises  
**February 22,**.....Mid-winter Meeting, Board of Trustees  
**April 28, Friday**.....Night School Students' Holiday  
**May 8, Monday**.....Second Term Examinations Begin  
**21, Sunday**.....The Commencement Sermon  
**22, Monday, Annual Exercises, Phelps Hall Bible Training School**  
**23, Tuesday**.....Trinity Church Boston Prize Contest  
**24, Wednesday**.....Senior Class Exercises  
**25, Thursday**.....Commencement Day

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# FACULTY

## EXECUTIVE COUNCIL

Booker T. Washington.....	Principal
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J. R. E. Lee.....	Director, Academic Department
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Charles H. Gibson.....	Chief Accountant
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Mrs. Booker T. Washington.....	Director, Women's Industries
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Clinton J. Calloway.....	Director, Extension Department
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G. Lake Imes.....	Dean, Phelps Hall Bible Training School

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Clement Richardson.....	English
Wilbert R. Howell.....	English
Ralph A. Marsden.....	English
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Susie E. Palmer.....	English
Constance E. Hazel.....	English
J. A. Mitchell.....	English
Ethel Stewart.....	English
A. A. Taylor.....	English
T. Edward Owen.....	Mathematics
Claude H. Harper.....	Mathematics
Irving C. Tull.....	Mathematics

Joseph L. Whiting.....	Mathematics
Charles S. Smith, Jr.....	Mathematics
Ogaritta Garrett.....	Mathematics
W. G. Mosley.....	Mathematics
Ezra C. Roberts.....	History and Geography
Lillian C. Mack.....	Geography
G. W. A. Scott.....	Geography
Julia O. Walton.....	Geography
Hazel E. Schloss.....	History and Geography
Edna A. Landers.....	History and Geography
*J. T. Williamson.....	Science
John E. Anderson.....	Science
George W. Carver.....	Science
Ruth M. Logan.....	Physical Training
Jennie C. Lee.....	Vocal Music
Alice C. Simmons.....	Instrumental Music
Emily C. Moore.....	Assistant in Vocal Music
Adelaide Towson.....	Assistant in Instrumental Music
Gertrude S. Ferguson.....	Education
William H. Carter.....	Bookkeeping
Helen A. Whiting.....	Drawing and Writing
T. Jarvis Taylor.....	In Charge Academic Office
Clara B. Coy.....	Care of Records, Director's Office
Lillian M. Wright.....	Clerk, Director's Office
Lena M. Cheeks.....	Stenographer, Director's Office

### CHILDREN'S HOUSE

Laura T. Jones.....	Principal and First Grade
Lottie G. Griffin.....	Second Grade
Edith E. Washington.....	Third Grade
Helen J. Howard.....	Fourth Grade
Maggie A. Nance.....	Fifth Grade
Dorinda K. McMillan.....	Sixth Grade
Mary E. Brown.....	Sewing and Cooking
Henry Howard.....	Carpentry and Gardening
Fern E. Brown.....	Kindergarten

### CARNEGIE LIBRARY

M. E. Suarez.....	Librarian
S. B. Davis.....	Assistant Librarian
Pauline A. Ray.....	Assistant Librarian

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\*Part of Term

||Head of Division

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W. A. Richardson.....	Assistant to Director
Harry E. Thomas.....	Machine Shop and Steam Engineering
Robert L. Waggener, Assistant, Machine Shop and Steam Engineering	
E. J. Bruce.....	Painting
Edward W. Cummings.....	Blacksmithing
John C. Jordan.....	Harnessmaking and Carriage Trimming
Charles H. Evans.....	Carpentry
N. E. Wilkins.....	Assistant Carpentry
Jailous Perdue.....	Assistant Carpentry
Mitchell D. Garner.....	Carpentry
William A. Hazel.....	Architectural and Mechanical Drawing
James A. Dunn....	Assistant, Architectural and Mechanical Drawing
Frank L. West.....	Shoemaking
William J. Wilkinson.....	Tailoring
William H. Pearson.....	Tinsmithing
O. N. Freeman.....	Brickmasonry and Tile Setting
John L. Anderson.....	Applied Electricity
William Gregory.....	Brickmaking
E. L. Burke.....	Wheelwrighting
Augustus A. Thomas.....	Printing
Mrs. Robert Gover.....	Proofreading, Printing
Arthur P. Mack.....	Plumbing
Frank G. Manly.....	Mechanical Supplies
Lee J. Hicks.....	Stenographer

**PHELPS HALL BIBLE TRAINING SCHOOL**

G. Lake Imes, Dean.....	Christian Service
Woodford S. Smith.....	History, Interpretation
Martin L. Bethel.....	Preaching, Christian Doctrine
John W. Whittaker, Chaplain.....	Christian Doctrine

**DEPARTMENT OF RESEARCH, EXPERIMENT STATION—  
CONSULTING CHEMIST**

George W. Carver.....	Director
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Thomas N. Cowen.....	Farm Superintendent
E. C. Dobbs.....	Assistant to Farm Superintendent
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Major W. Brooks.....	Truck Gardening



Matthew Woods.....	Horse and Mule Raising
R. S. Pompey.....	Dairy Husbandry
Joseph R. Fugett.....	Dairying
H. B. Benson.....	Canning
O. D. Pyles.....	Agricultural Instruction
Henry H. Boger.....	Swine Husbandry
Charles W. Greene.....	Poultry Raising
Louis J. Watkins.....	Road Building and Surveying
James H. Bias, D. M. V.....	Veterinarian
Jesse J. Jones.....	Agricultural Bookkeeping
George B. Thornton.....	Stenographer, Director's Office

### DEPARTMENT OF WOMEN'S INDUSTRIES

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Sarah P. Martin.....	Assistant to Director
Hattie E. King.....	Ladies' Tailoring—Dressmaking
Rebecca M. Quinton.....	Plain Sewing
Cornelia A. Vivian.....	Millinery
Chester A. Graine.....	Laundrying
Ophelia M. Donaldson.....	Assistant, Laundry Division
Caroline Smith-Owen.....	Basketry, Upholstering, Mattressmaking
S. M. Russell.....	Cooking
L. C. Taylor.....	Cooking
Lillian W. Bradley.....	Stenographer, Director's Office

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Beatrice M. Graine.....	Assistant to Dean
Mary E. Davis.....	Matron, Housekeeping Division
Minnie E. Davis.....	Matron, Housekeeping Division
L. A. Williams.....	Matron, Housekeeping Division

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Captain William H. Walcott.....	Assistant Commandant
Captain Benjamin E. Ammons.....	Assistant Commandant
Captain Victor H. Daniel.....	Assistant Commandant
George B. Thornton.....	Acting Bandmaster—Part Time
Minnie L. Matthews.....	Matron
Mollie Golden.....	Matron
John D. Stevenson.....	General Secretary, Y. M. C. A.
Captain Robert S. Darnaby.....	Stenographer, Commandant's Office

### BUSINESS AGENT'S DEPARTMENT

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Joseph M. Dugas.....	Clerk
Thomas J. Murray.....	Clerk
Albert D. Foster.....	In Charge of General Stores
*Walter L. Hutcherson.....	Cashier, General Stores
Alma E. Smith.....	Clerk, General Stores
William A. Gailliard.....	Clerk, General Stores
Walter T. Sheehee.....	Steward, Boarding Department
Susie E. Davis.....	Matron, Boarding Department
Mabel Bland.....	Matron, Boarding Department
Irene Syphax-Greene.....	Matron, Boarding Department

### **JOHN A. ANDREW MEMORIAL HOSPITAL AND NURSE TRAINING SCHOOL**

John A. Kenney, M. D.....	Medical Director
Margaret E. Richardson.....	Head Nurse
Mae M. Booker.....	Assistant Head Nurse
Evelyn G. Houston, Ph. D.....	Pharmacist
Celia E. Watkins.....	Matron
*Drue King, M. D.....	Interne
F. H. Strawbridge, M. D.....	Interne
Eva L. Reeder-Mitchell.....	Stenographer, Director's Office

### **BUILDINGS AND GROUNDS**

Alvin J. Neely.....	Superintendent
William Gregory.....	Assistant to Superintendent
W. F. Robinson.....	Florist

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Emmett J. Scott.....	Secretary
Charles H. Fearing.....	Assistant to Secretary
Albon L. Holsey.....	Assistant to Secretary
John H. Palmer.....	Registrar
Nathan Hunt.....	Stenographer, Principal's Office
Florence E. Swain.....	Stenographer, Principal's Office
Mabel L. Sims.....	Stenographer, Principal's Office
E. Davidson Washington ..	Stenographer, Principal's Office, Clerk, Executive Council
M. Edith Williams.....	Filing Clerk, Principal's Office
*John C. Moultrie.....	Circulation Division
*Charles G. Campfield.....	Circulation Division

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\*Part of Term





## **TUSKEGEE NORMAL AND INDUSTRIAL INSTITUTE 11**

Porter A. Smith.....Trades Bookkeeper  
Charles R. Neely.....Labor Records  
Johnnie L. Thomas.....Assistant Bookkeeper

### **DIVISION OF RECORDS AND RESEARCH**

Monroe N. Work.....In Charge  
Edna M. Clanton.....Stenographer

### **THE SOUTHERN LETTER**

Booker T. Washington.....Editor  
Frank P. Chisholm.....Business Manager

### **THE TUSKEGEE STUDENT**

Emmett J. Scott.....Editor  
Charles H. Fearing.....Associate Editor

### **TUSKEGEE INSTITUTE POST OFFICE**

James B. Washington.....Postmaster

# GENERAL STATEMENT

## Location

Tuskegee is situated near the center of the State of Alabama, forty miles east of Montgomery and one hundred and thirty-six miles west of Atlanta. It is one of the most beautiful towns in the State, with a population of cultured and generous people. The school is one mile from the town, upon a site overlooking all the adjacent country. The scenery about it is not excelled in the whole South. The climate is salubrious and unsurpassed for healthfulness. Tuskegee Institute is five miles from Chehaw Station, on the line of the Western Railroad of Alabama, with which it is connected by the Tuskegee Railway. The Western Union and Postal Telegraph Companies and the Southern Express Company have offices in town.

## Establishment

The school was established by an act of the Alabama legislature, session of 1880 as the Tuskegee State Normal School. Its first session, July 4, 1881, opened in a rented shanty church, with thirty pupils and one teacher. In 1893, the institution was incorporated as the Tuskegee Normal and Industrial Institute.

## Aim and Method

The object of the Tuskegee Institute is to provide young colored men and women an opportunity to learn a vocation, and to gain a sound, moral, literary and industrial training so that when they leave the school they may, by example and leadership, help to change and improve the moral and industrial condition of the communities in which they live.

The methods of instruction employed aim to correlate and combine the academic studies and industrial training in such a way as to emphasize the social and moral significance of skilled labor and at the same time illustrate, in the shop and in the field, the practical meaning of the more abstract teaching of the class room.

Phelps Hall Bible Training School is designed to fit young men and women for the ministry and other forms of Christian work, particularly in country communities.

The school opened in 1881 with one hundred acres of land and three small buildings. At the close of the term, May 31, 1914, it owned 110 buildings, 2,110 acres of land, about 350 head of live stock,

wagons, carriages, farm implements and other equipment amounting in value to \$1,468,413.96. In February, 1899, Congress gave the school 25,000 acres of mineral land, 5,100 acres of which have been sold and the proceeds applied to the endowment fund. The remaining 19,900 acres of this land is now valued at \$250,000.00. This sum added to the present endowment fund will give the institution \$2,192,112.08 as a permanent endowment. The total value of all property, real and personal, owned by the school, and including the endowment fund, amounts to \$3,660,526.04.

## **Buildings**

The Office Building, located on the main thoroughfare of the school grounds, is a handsome three-story structure of 28 rooms, in which are located, in addition to the Tuskegee Institute Bank and the Government Post Office, most of the administrative offices of the school.

The Dining Hall, known as Tompkins Hall, in memory of Charles E. Tompkins, of Southport, Conn., is the largest and most imposing building on the school grounds. It contains a dining room large enough to seat the 180 teachers, together with the 1,600 students of the school, and contains, in addition, an assembly room large enough to seat 2,500 persons.

The Collis P. Huntington Memorial Building, which, until the erection of the Dining Hall, was the largest building on the school grounds, was given by Mrs. Collis P. Huntington in memory of her husband. In this building all of the academic work of the school is carried on.

The John A. Andrew Memorial Hospital was dedicated and formally opened on February 21, 1913. The building is given in memory of her grandfather, Former Governor John A. Andrew, of Massachusetts, by a Boston friend of the school. The building cost \$50,000, and \$5,000 additional was provided for equipment. The Hospital is a two-story brick structure and is located west of the old hospital. In plan, it is in the shape of the letter "E." The site on which it stands is one of the high points of the school grounds and overlooks almost the entire campus.

Phelps Hall Bible Training School, the Armstrong-Slater Memorial Trades Building, the Millbank Agricultural Building, Dorothy Hall, the Children's House, and the Carnegie Library are described in detail elsewhere in this catalogue.

## **The Dormitories**

Olivia Davidson Hall, a dormitory for young men, is one of the older buildings. It is a three-story brick structure, heated and



lighted from the central heating and lighting plant from which nearly all the buildings on the grounds are now heated and lighted.

**Thrasher Hall**, named in memory of Max Bennett Thrasher, of Westmoreland, N. H., a devoted friend of the school, is a three-story brick building and one of the best arranged boys' dormitories on the grounds.

**Cassedy Hall** was formerly occupied by the mechanical industries. It is now a dormitory for young men.

**Rockefeller Hall**, given by Mr. John D. Rockefeller, is a three-story brick building, providing room for 160 young men.

**Emery Halls**, Nos. I, II, III, and IV, are gifts of the late Miss Julia E. Emery, of London, England. They are two-story brick dormitories for young men, located near the Armstrong-Slater Memorial Trades Building.

**Huntington Hall**, a two-story brick building, is the gift of Mrs. Collis P. Huntington. It contains 23 rooms with a basement and attic, and is used as a girls' dormitory.

**Douglass Hall**, named in memory of Frederick Douglass, is a girls' dormitory. It contains an assembly room, seating 750 persons, besides 33 rooms for young women. It is two-story, brick, with piazzas on three sides of the building.

**The White Memorial Hall**, erected in memory of Alexander Moss White of Brooklyn, and the gift of a number of his heirs, is a dormitory for girls. It was opened in the fall of 1909 and dedicated on February 22, 1910. It is the center of life for the girls.

**Tantum Hall**, the gift of Miss Margaret W. Tantum, of Trenton, New Jersey, in memory of her father, is a dormitory for girls, Colonial style, and of pleasing appearance. It is one of the handsomest and most complete buildings on the grounds.

### Carnegie Library

**Carnegie Library** is a two-story brick structure, built in Colonial style at a cost of \$20,000. The first floor contains a stack room, reading room, librarian's office, and two rooms used for magazines and newspapers. On the second floor, an assembly room which seats 225 persons, two study rooms, magazine room, and a room used as an Historical Museum.

The Library is open to students and teachers from 7 a. m. to 10 p. m., every day in the week. A reading circle which meets twice a month, open to all members of the Senior Class, is conducted by the librarian with the assistance of members of the Faculty. The purpose of this Reading Circle is to make the students acquainted with some of the best literature, and to direct and inform them in regard to the use of the Library and the selection of books.

### **Literary Societies**

The students maintain ten literary and debating societies: The Liberty Debating Society, the Willing Workers' Debating Club, the Natural History Debating Club, Stokes Ministers' Union, Washington Literary Society, Phyllis Wheatley Literary Society, Careful Builders and Little Women's Debating Clubs, Hope and Acme Club, and a Temperance Society. Meetings are held every Saturday night. Representatives of the societies meet annually in public debate.

### **Religious Exercises**

There are five voluntary religious organizations maintained by the students: Young Men's Christian Association, Young People's Society of Christian Endeavor, The Young Women's Christian Temperance Union, The Young Women's Christian Association, and the Edna D. Cheney Missionary Society.

Students are required to attend Sunday School and church services every Sunday.

### **Chapel Exercises**

Teachers and students assemble every evening except Friday, Saturday and Sunday, in the assembly room beneath the dining room for devotional exercises. These exercises consist of reading the Scriptures, a brief prayer by the Principal, or some member of the Faculty, and singing by the whole school. At this meeting the announcements for the following day are made to the student body. Friday night, the students meet for prayers at different points on the school grounds. Sunday morning at nine o'clock young men and women meet together for volunteer Bible study. Every Sunday evening at six-thirty o'clock devotional exercises are held in the Institute Chapel.

### **School Publications**

The Tuskegee Student is a bi-monthly newspaper devoted to the interest of students, teachers and graduates.

The Southern Letter, a monthly publication, is a record of the work of graduates and former students and goes to persons outside the school who are interested in its work.

The Messenger is a county newspaper for the encouragement of the work in the public schools of the county and for instruction of the farming community in agriculture and is published under the direction of the Extension Department.

### **Military Training**

The military system has been introduced among the young men of the school to cultivate habits of order, neatness and obedience. Military drill, the "setting up" drill, furnish regular exercises

and aid in promoting a manly bearing among students. Wooden guns are used. The companies are officered by students who are commissioned by the Institute Commandant.

### Gymnastics

Special attention is given to gymnastics for women. This is to improve the general carriage of the girl students, induce healthy respiration and circulation, and counteract evils of habitually incorrect position.

The work, which is conducted under the charge of a trained woman teacher of gymnastics, follows the free standing movements of the Swedish or Ling System. A well appointed gymnasium for young women is provided in the Collis P. Huntington Memorial Building.

### Sports

The gymnastics and sports of the young men, outside of the exercises of the Military Drill, are carried on under the charge of the director of the Y. M. C. A. They include football, baseball, basketball, and cricket. The school grounds are also provided with a number of tennis courts, which are used for the most part by the teachers.



# GENERAL REGULATIONS

## Admission of Students

**Applications:** Persons desiring to enter the institution should satisfy themselves before leaving home, either by writing to the Principal or by consulting the catalogue, that they are able, in every way to meet the requirements for admission. Application for admission should be made directly to the Principal, who will notify such persons when their applications are accepted. Prospective students will save themselves annoyance and needless expense if this statement is heeded. No applicant should present himself without definite permission to enter the school. A catalogue will be sent to any address upon receipt of six cents postage.

Upon arrival at the school, new students should present themselves at the Principal's office for examination.

Students are expected to enter promptly at the beginning of the session and remain until the close. The school term begins on the second Tuesday in September and closes the last Thursday of the following May.

**Requirements:** No person will be admitted to the school as a student who cannot pass examination for the C Preparatory Class. To enter this class, one must be able to read, write and understand addition, subtraction, multiplication, and division. Students entering the Day School are required to pass the examination of the B Preparatory Class, since there is no C Preparatory Class in the Day School.

**The Day School:** The Day School is intended for those students who are able to pay all or the greater portion of their expenses in cash. Students are required to attend school for three days each week, and to work each alternate work-day at some trade or industry.

Applicants must be of good moral character, and bring letters of recommendation from at least two reliable persons in their communities. They must not be less than 14 years of age, of good physique and able to pass the examination for the B Preparatory Class.

**The Night School:** The Night School is designed for young men and women who earnestly desire to educate themselves, but who are too poor to pay the small charge made in the Day School. Students will not be admitted to the Night School who can afford to enter the Day School. Requirements for entering the Night School are nearly the same as for admission to the Day School. Applicants must be 16 years of age, instead of 14, and physically able to perform an adult's labor, and students who fraudulently gain admission to the Night

School must, upon discovery of the deception, either enter the Day School or leave the institution.

Trades are assigned as nearly as possible in accordance with the student's desire. In assigning young men and women to a trade, their mental ability to comprehend and physical ability to perform the duties required are carefully considered. Frequently at the beginning of the school year it happens that places in certain of the industries are quickly filled. In such cases applicants for places in these industries are assigned to some other division until a vacancy occurs.

### Expenses

The necessary expenses of a student at Tuskegee are small. It is intended, so far as possible, that no diligent, worthy student shall leave the Institute because of a lack of means.

Tuition is free to all students. Charges for board, etc., are:

Entrance fee .....	\$10.00
Board per month .....	10.00

Books, estimated for different classes:

Junior Class .....	\$ 4.50
B Middle Class.....	5.30
A Middle Class.....	6.75
Senior Class .....	6.75
The C and B Preparatory Classes, each..	2.50
A Preparatory .....	3.70

The entrance fee, which is charged over and above all other expenses, as well as the cost of books, must be paid in cash.

Day School students are given an opportunity to work out from \$1.50 to \$3.00 per month on their board, thus leaving from \$6.00 to \$7.50 to be paid in cash. The labor of students must be satisfactory in order to be accepted as part payment for board. Economical, enterprising students rarely fail to remain in school, some of them working out as much as half of the cost of their board. It should be understood, however, that the institution does not guarantee that a student will be able to work out any definite portion of the cost of his schooling. The amount earned will vary according to the value of the work done and the diligence with which the student applies himself.

When students do not settle their accounts by the fifteenth of the month, they are liable to suspension from their classes until the accounts are paid. It is urged that parents pay students' accounts promptly, since a student, who is suspended and required to work for his board, is likely to fall behind in his classes, and thus become discouraged and generally unfit for school duties.

With a good outfit of clothing, including uniform, and after providing for books, entrance fee, etc., \$70 to \$75 to be paid in cash for



Dress Parade, Institute Cadets, in front of White Memorial Hall





board should be sufficient to carry an industrious student through a term of nine months in the Day School.

Night School students work during the day on the farm or at some other industry and attend school for two hours at night, five nights in the week, for a year or more. In some cases Night School students are permitted to choose and work at their trade while in Night School. Such students are paid for their work according to its value. When their earnings are not sufficient to cover their board, the difference is to be paid in cash.

By putting in full time and doing satisfactory work, Night School students not pursuing a trade have an opportunity to earn the cost of their board, and what may be earned over this amount is placed to their credit in the Institute Treasury to help pay their board as they pursue their studies. In special cases students are permitted to draw on their accounts, by orders, for books, clothing, etc. Agricultural students alone are permitted to receive a small proportion of their wages in cash.

Clothing

Girls: It is of the greatest importance, not only in the interest of their health, but as an aid in teaching economy and correct ideas of dress, that girls be properly clothed. Every girl entering school should bring with her good shoes, a pair of rubber overshoes, an umbrella and a raincoat. Warm and comfortable underclothing, woolen if possible, should be provided for winter. The institution cannot be responsible for the health of girls not properly clothed.

Young women are required to wear a navy blue uniform dress and hat. Simplicity and economy in matters of dress are insisted upon. The cost of a uniform dress is \$2.25; a hat \$2.00. It is expected that girls in the Day School will provide themselves with gymnastic suits.

Young women should also bring substantial shirtwaists and school dresses, a good supply of stockings, and a warm cloak of a dark blue or black color. They should also bring towels, table napkins, comb, brush, a tooth-brush, toilet soap, shoe polish, writing paper, envelopes, stamps, pen, ink, etc.

They should not bring dresses made of silk, satin, velvet, and fine laces, or valuable jewelry, watches, etc.

Boys: Young men of the Day and Night School are required to provide themselves, on entering, with the full uniform consisting of coat, trousers, and military cap. This regulation is rigidly enforced. The color of the uniform is dark blue, and may be purchased at the school's Tailor Shop at the bare cost of material and making.

The cost of the uniform for young men is:

Coat .....	\$6.60
Trousers .....	4.50
Cap .....	1.50

A uniform made of better and more expensive material can be purchased at the school's Tailor Shop by those desiring it. In the shops, on the farm, and at other industrial work, young men are required to wear overalls with which they must provide themselves. These likewise may be obtained at the school.

Young men should also bring a sufficient supply of serviceable underwear, at least two night shirts, in addition to table napkins, shoe polish, tooth-brush, comb, brush, etc., including towels and soap.

### Discipline

The rules and regulations governing the school are designed to promote the welfare and happiness of all.

Each student is required to have a Bible.

No student is allowed to leave the grounds without permission.

Male students, when permitted to leave the grounds, must wear the regulation cap.

No young woman is permitted to leave the grounds of the Institute unless accompanied by a lady teacher.

The Institute has adequate facilities for bathing, and all students are required to bathe at stated periods. Bath houses for young men and women with swimming pools, and shower bath appointments afford every facility in this regard.

Regular habits of rest and recreation are insisted upon.

The use of intoxicating drinks and the use of tobacco are strictly forbidden.

Dice-playing and card-playing are positively prohibited.

Students are not permitted, while in school, to take part in any political mass meeting or convention.

Students are liable to be dropped for inability to master their studies, irregularity of attendance, or for any failure, after due notice has been given, to comply with the regulations of the school.

The demerit system has been adopted by the school as the principal method of discipline. Thirty-three and one-third demerit marks constitute a "warning." A student is liable, after receiving three warnings, to suspension or expulsion, according as the Executive Council may determine.

All non-resident students are expected to board at the school, unless there is some good reason to the contrary.

Students are not registered for a shorter period than one month; those who leave before the end of the month are charged for a full month's board.

Students who desire to leave the school are required to ask their parents or guardian to write directly to the Principal for permission to do so.

The Dean of the Women's Department meets the young women of the school every Friday afternoon. The Commandant meets the



young men every Saturday evening. These meetings give an opportunity for frank and straightforward statements in regard to the reciprocal duties of the Institute and the student, which serve to correct errors and stimulate a sense of loyalty among the students to the discipline of the school. No student is excused from these meetings except by special permission.

Students who sign a contract to work a specified time at some trade or other work must obtain a release from their contract before application for a permit to leave the school will be considered.

Students under a contract will be punished by formal dismissal for leaving without permission and will forfeit whatever cash there may be to their credit in the school's treasury. Students must settle their accounts before leaving.

Remittances in payment of bills should be sent by Post Office Money Order, Registered Letter, or Check, and made payable to the Principal or Treasurer, and not to the student.

Students are not allowed to retain firearms in their possession. The Commandant of Cadets will take possession and give receipts for any such weapons brought upon the school grounds.

Low or profane language will subject a student to severe discipline. Students are liable to reprimand, confinement or other punishment.

Letter writing is subject to regulation. Students are urged to write to their parents at least once a week.

Wardrobes and rooms of students are at all times subject to inspection and regulation by proper officers; and regular and thorough inspection of same is made from time to time.

### **Vacation and Holidays**

Legal and special holidays are observed. Further information, if desired, will be cheerfully furnished by

BOOKER T. WASHINGTON, Principal,

Tuskegee Normal and Industrial Institute,

Tuskegee Institute, Alabama.

# THE ACADEMIC DEPARTMENT

Every pupil of the Institute is enrolled in the Academic Department. The student body is divided into Day School pupils and Night School pupils. The Night School pupil attends Academic exercises from 6:45 to 8:30 o'clock five evenings every week. The Day School pupil attends Academic exercises three days every week from 9:00 to 12:00 and from 1:30 to 4:00 o'clock. The student is thus alternately one day in school and one day at his or her trade.

The Academic course embraces seven years' work, divided into two periods, one of three and the other of four years. The first three years are given to preparatory work. The remaining four years constitute the Normal Course proper. The year is divided into two terms of about four and one half months each.

Throughout the entire course there is the closest correlation between the Academic and Industrial Divisions. Much of the work on the days in which the academic studies are taken is a continuation of the work which is done in the various Industrial Divisions on the other days. This is made possible by the fact that every teacher in the Academic Department visits the Industrial Divisions every week and comes in closest touch with the industrial teachers and the processes of the various trades.

The following is the course of study for the four years of the Normal School proper:

## Day School: Junior Class

Reading	Concrete Geometry and Drawing
Grammar	American History
Arithmetic	Hygiene (Half year)
	Agriculture (Half year)
	Gymnastics for girls

## Day School: B Middle Class

Reading	Botany (Half year)
Grammar and Composition	Civics (Half year)
Ancient History	Commercial and Industrial Geogra-
Algebra & Applied Arithmetic	phy
	Gymnastics for Girls

## Day School: A Middle Class

### REQUIRED

Reading including Spelling  
Composition and Rhetoric

### ELECTIVE

Bookkeeping  
Physics

<b>Algebra and Plane Geometry</b>	<b>Chemistry</b>
	<b>History of Education (for all who are to be Industrial and Academic teachers)</b>
	<b>Modern History</b>

### **A Middle Class**

The students of the A Middle Class are required to take five subjects. In addition to the three definite subjects named in the required list, the student shall elect two subjects from the electives. The elective of at least one of these two subjects must be determined by the trade or vocation of the student.

### **Day School: Senior Class**

<b>REQUIRED</b>	<b>ELECTIVE</b>
<b>English Composition and Literature</b>	<b>Psychology (Half year for teachers)</b>
	<b>Methods and Management and Practice (Half year)</b>
	<b>Economics and Industrial History</b>
	<b>Bookkeeping</b>
	<b>Solid Geometry</b>
	<b>Physics</b>
	<b>Chemistry</b>
	<b>Negro History (Half year)</b>

### **Senior Class**

All students in the Senior Class are required to take four subjects. In addition to the one subject (English) named in the required list, the student shall take three other subjects from the list of electives; at least two of such subjects shall be chosen according to the demand of the student's trade or profession.

### **English**

English is taught in every class from the C Preparatory through the Senior. Two themes a month are required of all day students throughout the school year. One of these themes each month is on the student's trade, purpose here being to intensify the student's knowledge of his trade as well as to cultivate in him the art of expression.

### **C Preparatory Class**

**FIRST TERM:** Language study is begun. The pupil is taught to express simple ideas gathered from his own experience. The course includes the simple forms of grammar, the use of capitals,

punctuation, abbreviations, simple paragraphing and letter writing.

SECOND TERM: The work of the first term continued.

Reader: *Stepping Stones to Literature*, Books II and III.

Penniman's *New Practical Speller*.

### B Preparatory Class

FIRST TERM: In this class more advanced principles of grammar are studied. A student is taught to analyze his own thoughts and is given practice in expression by discussing his trade and with a life about him for subject matter.

SECOND TERM: The work of the first term continued.

Text: Emerson & Bender Book I.

Penniman's *New Practical Speller*.

Reader: *Stepping Stones to Literature*, Book IV.

Supplementary Reading: *Black Beauty*. Alice and Phoebe Cary.

### A Preparatory Class

FIRST TERM: The study of grammar is continued; study of words with attention directed to the formulation and application of rules and definitions concerning grammatical structure of the sentence and the study of analysis and inflection is begun and special rules for the use of the various cases are studied and applied.

COMPOSITION: Regular and semi-monthly themes. One on the student's trade and one assigned by an English teacher. Attention is given to the development of the isolated paragraph from a given topic sentence; letter writing, and the rules and conventions governing different forms of correspondence.

SECOND TERM: The work of the first term continued.

Text: Emerson and Bender, Book II.

Penniman's *New Practical Speller*.

Reading: *Stepping Stones to Literature*, Book V.

Supplementary Reading: *Biographical Sketches*.

### Junior Class

FIRST TERM: Study of formal grammar continued, taking up the conjugation, inflection and synopsis of verbs. A careful study of phrases and clauses in their different forms and uses.

Composition: Regular semi-monthly themes. Writing frequent descriptions and narrations of scenes and incidents from the daily life of the student.

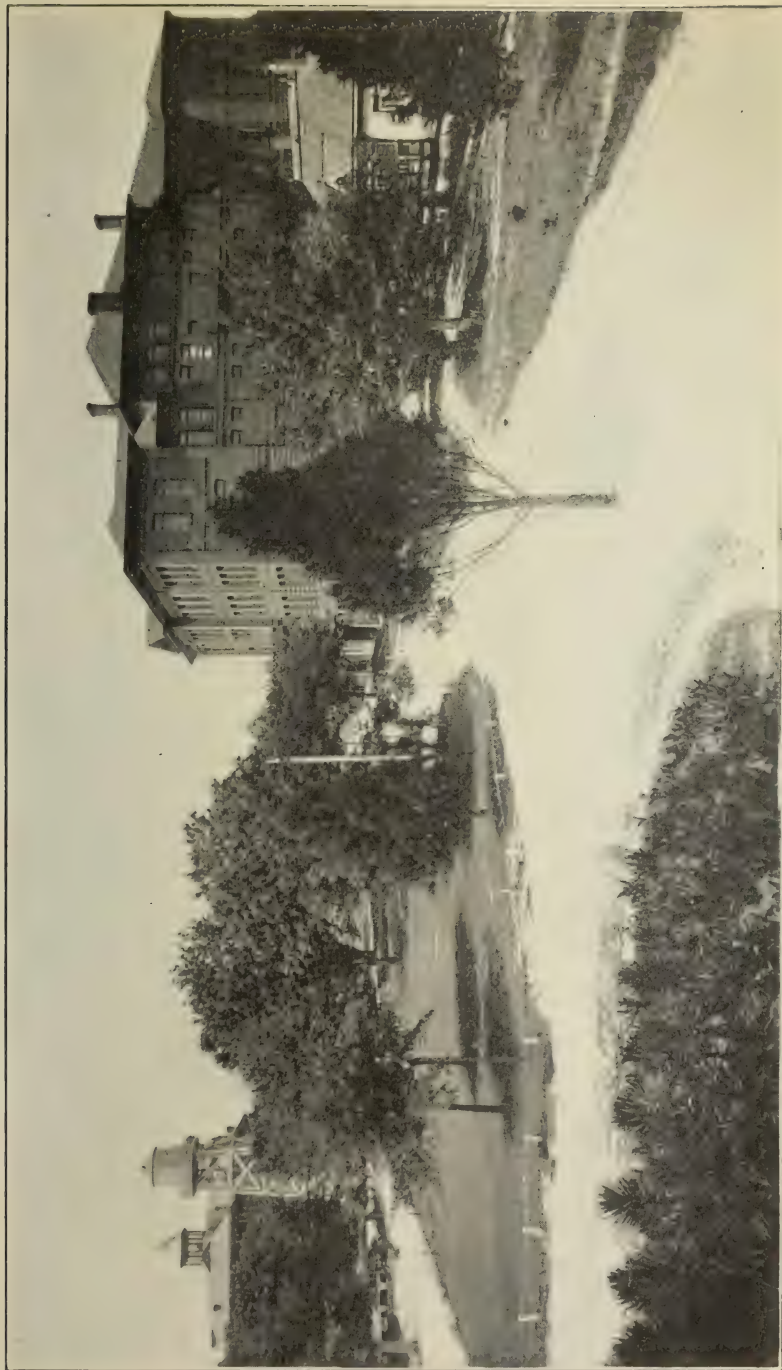
Stress is laid upon the writing of letters, familiar and business, letters of application, invitations, formal and informal, etc.

SECOND TERM: The work of the first term continued.

Text: Emerson and Bender, Book III.

Reader: *Stepping Stones to Literature*, Book VI.





A View of the Entrance to the Institute Grounds



**Supplementary Reading:** Longfellow's *Evangeline*, *How to Live Longer*.

### **B Middle Class**

**FIRST TERM:** The study of advanced grammar continued. Special attention is directed to the development of words from their roots; to the great gains of the English vocabulary. The effect of convention and outside influences upon spelling and pronunciation. A thorough study of the subjunctive mode and its uses in English.

**Composition:** Writing of themes on subjects chosen with a view to calling into play and developing the student's imaginative powers. Short essays requiring light research work will be required. Frequent oral and written exercises in exposition and argumentation will be given.

Letter writing given a large place in the composition work.

**SECOND TERM:** The work of the first term continued.

**Text:** Reed and Kelloggs' *High School Grammar*.

**Reader:** *Stepping Stones to Literature*, Book VII.

**Supplementary Reading:** *Current Magazines, Periodicals, and Papers*.

### **A Middle Class**

**FIRST TERM:** A thorough review of grammar and punctuation. Theory of composition begun. Exercises, oral and written, in restating written and spoken ideas. Exercises in expression of the pupil's own thought by: 1. Description from observation. 2. Narration from experience.

Emphasis laid upon letter writing from the standpoint of its importance as a form of composition.

Collection of material for the theme and the development of both outline and theme. Careful study made of the essential qualities of the theme.

Study of the paragraph as a unit of composition. Development of the isolated paragraph and the combination of paragraphs that are closely related.

Words studied from the standpoint of their use in expressing different shades of meaning.

Constant practice in writing. Subjects assigned requiring reading and research work in the Library. Essays rigidly marked for grammatical correctness and literary form.

**SECOND TERM:** The work of the first term continued.

**Text:** Brooks' *English Composition*.

**Reading:** Elson's *Reader*, Book VIII.

**Supplementary Reading:** Booker T. Washington: *Story of the Negro*, Booker T. Washington, and *Current Literature*.

### Senior Class

**FIRST TERM:** Composition continued: Study of English Literature begun.

Composition: Important forms of prose.

Literature: The aim in this course is to cultivate in the student a taste for the best books and to introduce him to the best models of literary form. To this end the following will be read:

Julius Caesar, Shakespeare; Rhyme of the Ancient Mariner, Coleridge; Essays on Milton, Sir Roger de Coverly Papers, Self-Reliance, Sharp Eyes, Selected Poems, Man Without A Country, Bryant's Thanatopsis, Hawthorne's Great Carbuncle.

Franklin's Autobiography. Vicar of Wakefield, Goldsmith.

### Post-Graduate English

#### (Required)

This course is for students who are taking special work, having been graduated from this school, or some other school of equal standing.

History of American Literature, dealing especially with the early life of the people and the conditions from which their literature sprang.

The following authors will be read: Irving, Franklin's Autobiography, Tales of a Traveler, Poe's Gold Bug, and the books required for second grade English examination in the State of Alabama.

### Mathematics

In every course in mathematics the subject is developed in close relation to its uses in the various trades in which the students are engaged. Actual problems arising in the trade work of the students are brought into the class room for solution. Recitations are by no means confined to mere class-room exercises, but are held in the shops or fields whenever such action is found necessary to the full understanding of a problem under consideration.

The course embraces the following:

For Undergraduates: 1. Arithmetic. 2. Algebra. 3. Concrete Geometry. 4. Plane Geometry.

The course in Arithmetic is largely confined to thorough instruction in the principles underlying the solution of problems of the kind mentioned above.

Algebra is closely correlated with Arithmetic, emphasis being placed upon its practical side.

The course in Concrete Geometry, required of all Juniors, is designed to give the student systematic instruction in the properties of the ordinary geometrical figures. This course is a necessary prepara-



tion for instruction in the trades, and this fact dominates the spirit of the instruction.

In Plane Geometry the most important propositions are demonstrated. These propositions are for the most part grouped about the investigation of the geometry involved in the structure and use of various tools, and in the industrial operations carried on by the students.

In Plane Geometry the most important propositions are demonstrated. Original exercises and practical problems are given throughout the course.

#### **C Preparatory Class**

**FIRST TERM:** Reduction of common fractions. Addition and subtraction of fractions. Simple business problems.

**SECOND TERM:** Fundamental operations with fractions. Applications.

#### **B Preparatory Class**

**FIRST TERM:** Decimal fractions. Addition and Subtraction. Trade problems.

**SECOND TERM:** Fundamental operations with decimals. Business forms.

#### **A Preparatory Class**

**FIRST TERM:** Decimals continued. Percentage, Simple interest. Practical problems involving decimals.

**SECOND TERM:** Percentage. Analysis. Ratio.

#### **Junior Class**

**FIRST TERM:** Building operations. Percentage, Commission, Insurance. Problems of business.

**SECOND TERM:** Review, Mensuration of various geometrical forms. Square root. Cube root by factoring, Applications. Arithmetic, arithmetic reviewed.

Text: Woodard's Arithmetic.

#### **B Middle Class**

**FIRST TERM:** Solution of simple problems by algebraic methods. Signed numbers. Addition, subtraction, multiplication and division of algebraic expressions. Integral linear equations. Applied arithmetic.

**SECOND TERM:** Factors and multiples. Fractions. Fractional equations. Simultaneous linear equations. Square root. Cube root. Theory of exponents.

Text: Collins' Practical Elementary Algebra.

Supplemented by other texts.

**A Middle Class: Algebra and Geometry**

**FIRST TERM:** Graphical representations in algebra. Polygons. Numerous practical problems.

**SECOND TERM:** Graphical representations continued. The circle. Proportion. Similar figures. Applications. Areas of polygons. Regular polygons. Practical problems.

Text: Wentworth's Geometry.

**Senior Class: Solid Geometry and Plane Trigonometry**

**FIRST TERM:** Solid geometry; Plane trigonometry. Practical applications.

**SECOND TERM:** Plane trigonometry; Solid geometry; trade problems.

**Bookkeeping**

The course in Bookkeeping is designed to give the pupils training in the principles of the subject and in the use of ordinary business papers. At the beginning of the work the pupil assumes the position of bookkeeper for some hypothetical person engaged in business and continues in this capacity throughout the course. The course for the A Middle and Senior Classes follows:

**A Middle Class**

**FIRST TERM:** Making proper record of transactions in journal, checking invoices, writing bills and receipts, filing papers; posting; making trial balance, inventory, balance sheet; closing the ledger. Introducing commercial paper dealing with bank; furniture and fixtures, bills receivable and bills payable accounts.

**SECOND TERM:** Continuation of work similar to that in preceding term. Introducing real estate, interest and discount accounts.

**Senior Class**

**FIRST TERM:** General review of the work of A Middle Class. Introducing Cash Book, Sales Book, and Invoice Book. Introducing bookkeeping for partnership, special columns in the Cash Book.

**SECOND TERM:** Continuation of work in preceding term. General review of the work of the year.

**Free Hand Industrial Drawing: Writing**

This course is intended, by giving the pupil some knowledge of free hand drawing and projection, to prepare him for the mechanical drawing taught in the Industrial Department; to enable his to read

intelligibly working drawings and make practical application by drawing objects brought from the shop.

This subject is compulsory in the three preparatory grades.

### **First Year**

**FIRST TERM:** Study of lines, surfaces and solids—with application.

**SECOND TERM:** Free hand lettering: simple projection.

### **Second Year**

**FIRST TERM:** Advanced projection—trades drawing.

**SECOND TERM:** Trades drawing; design.

### **Writing**

The course aims to make the students rapid and legible writers.

Special attention is given to the general principles of penmanship, to the correct position at the desk, and to the proper holding of the pen.

Every lesson is preceded by movement exercises and drill work.

Writing is required throughout the three preparatory grades.

## **Economics, History and Geography**

### **Geography**

The objects of teaching geography are, in general, four in number:

First: To give the student a definite knowledge of the location and character of important places on the surface of the earth.

Second: To lead the student to observe the manner in which the earth is adapted to man's habitation.

Third: To show the interdependence of men.

Fourth: To cultivate the student's power of imagination, reason, and observation.

Emphasis in instruction is placed under actual observation through visits to the surrounding grounds and to the various shops.

### **C Preparatory Class**

**FIRST TERM:** Home Geography; the soil, land and water forms; plant growth, gardens, the dairy, wheat and corn farms, flour mills, the forest, sheep and wool, cotton cloth. Direction and location of paths, roads and railroads with reference to the Institute grounds and buildings; need of industry. Shore forms, seaports and other cities; why laws are made, taxes, local government. Tuskegee; relation of students to officers of the school. Study of Macon County and State of Alabama.



**SECOND TERM:** The earth as a whole; form and size, the continents; seasons and zones. General features of each continent, industries and government. Study of the United States by topics, giving especial attention to such natural resources as determine the various industries. North America as related to other continents, especially Europe.

**Text:** First Book in Geography: Frye.

### **B Preparatory Class**

**FIRST TERM:** General Geography; the earth as a whole, form and size, the continents, climate, kinds of government, directions, boundaries, map study. Physiography of North America in simplest terms; political divisions of North America. Intensive study of the United States as a whole and by topics. New England States; surface, climate, industries. Brief study of manufacturing, great cities and shipping routes. Middle Atlantic States; surface, climate, agriculture, fruit raising, tobacco growing, steel and glass manufacturing. Cities and shipping routes, New York City, the District of Columbia. Southern States; surface, climate, agricultural conditions, cotton and the plantation system, sugar cane and rice fields, mineral products. Brief study of growth of mining industries at Birmingham and cotton mills in Georgia. Lumbering and turpentine factories. Cities and shipping routes. Central States; surface, climate, emphasis upon systematic management of farms and ranches and scientific treatment of farm problems; mineral products, manufacturing; lake and river cities and shipping routes.

**SECOND TERM:** Western States: surface, climate, character of pioneer settlements. Mining, lumbering, agriculture by irrigation, San Francisco in connection with ocean traffic. Territories and dependencies of the United States; Alaska, Cuba, Porto Rico, the Hawaiian Islands, and the Philippines studied by topics. Comparison with conditions in Southern States. Countries north of United States, Canada and Newfoundland. Countries south of the United States, Mexico, Central America, and the remaining islands of the West Indies. South America: Emphasis upon farming methods and results as contrasted with those of the Southern States. Forests and coffee plantations of Brazil, the cattle ranches of Argentina, and the mineral wealth of Peru and Chile; influence of Spanish civilization. Chief commercial cities.

**Text:** Tarr & McMurray's Geography, Book II.

### **A Preparatory Class**

**FIRST TERM:** Europe; study of the peoples, particularly the peasant classes with reference to the great historical movements; the British Isles; surface, location, size, importance, peoples, resources

and industries with special reference to manufacturing, cotton manufactures and the factory system. England as a colonizing nation. The British Empire. The Netherlands and Belgium; peoples and government, industries, with special reference to dairying. France, Spain and Portugal, Norway, Sweden and Denmark. Russia; its peoples and government with special reference to the position of the Russian peasant. Germany, and the Rhine cities, with some attention to German government and education. Switzerland; its government. Italy. Austria-Hungary, with some reference to race problems. Rome and Greece; their history, traditions and ruins.

**SECOND TERM:** Asia: China, Asiatic civilization, the Eastern question, Asia Minor. Arabia. Persia and the Holy Land. The Ottoman Empire; its industries, resources and traditions. The Malay Peninsula, and the East Indies; trade routes. India; surface and climate, industries, peoples, produce, government, with some account of the famines and their cause. Japan: peoples and government, recent advance, importance as a world power. Africa: the peoples, exploration and settlement, rivers and highways of trade, importance commercially, special attention to the Nile Valley, the Congo Basin, Liberia and South Africa. Study of one well organized native kingdom—its arts, markets, political and social organization. Australia and island groups.

Text: Tarr & McMurray's Geography, Book II.

## History

In the study of History, an effort is made to stimulate the student to independent reading and to elementary historical research, and to acquaint him with the stories of his race and country, to give form and substance to his instinctive patriotism. In presenting the essential facts of the growth of nations, it is intended to suggest the value of proper social, political, and economic conditions in the development of peoples.

### Junior Class: American History

**FIRST TERM:** Period of the discovery and naming of America. European conditions at the close of the fifteenth century. Explorations and early attempts at settlements, 1492-1607. Colonization of America. Three types of English colonies: Virginia, Massachusetts, and Maryland. French and Indian wars. English supremacy. Economic, educational, religious, social and political conditions of the colonies. The Revolutionary War. The critical period. The adoption of a new form of government. The constitution adopted. The new nation organized. Domestic affairs and foreign policy. Establishment of national credit. Extension of territory.

**SECOND TERM:** War of 1812. The growth of national feeling; protective tariff and free trade. Internal growth. Slavery and

Western extension of territory. New political leaders. The triumph of Jackson. Abolition societies. Tariff and nullification. The annexation of Texas, and the Mexican War. Slavery and the Civil War; early history of slavery. Brief review of social, economic, and religious conditions and their bearing upon slavery. African fables, folklore and plantation melodies. Causes of the Civil War; events and results. The reconstruction period. The new South. New problems, arbitration, labor troubles, civil service reform, expansion.

Text: *Leading Facts on American History*, Montgomery.

### **B Middle Class: Ancient History**

**FIRST TERM:** The oriental nations. Greece, colonization and expansion. The rise of Sparta. Athenian supremacy, Spartan supremacy, Theban supremacy. The rise of Macedonia. The Graeco-Oriental World. The Conquests of Alexander the Great. Greek society and learning, industries and government.

**SCEOND TERM:** Rome; The land and people. Early history. Classes of society and class struggles. Political communities. Expansion and the Punic wars. New civil strife. Land conditions. The last century of the Republic. The Empire; Augustus to Diocletian, organization of government, society, Constantine and the adoption of Christianity. The division and decline of the empire. The invasions from the North. Western Europe: the church and Monasticism, Mohammed, the Empire of Charlemagne.

### **B Middle Class: Civics**

**SECOND TERM:** The sources of the constitution, successive steps in self-government in the colonies. National, state, county, city government. The duties and responsibilities of citizenship, civic spirit, civic progress, law enforcement and obedience to law. The care of the unfortunate and self-help.

### **B Middle Class: Commercial and Industrial Geography**

**FIRST TERM:** The industries of the world, with a study of selected industries. Food and food materials. Clothing and clothing materials; houses and house materials; exports and imports, and the geographic conditions that make possible such exchange. Trade routes, transportation and communication lines. Commercial and Industrial wealth.

### **A Middle Class: The Negro in Africa**

Throughout the year the class will make a study of Africa, the continent, its resources and political conditions. Especial attention will be given to the natives, their habits of life, their past and present history. Among the topics discussed will be Africa, a land of an-



tiquity; native tribes; Negro kingdoms; native myths, fables, music, writing, industries, arts, religion, modern conditions.

### **A Middle Class: Modern History**

**FIRST TERM:** The Age of Revival. Feudalism and Chivalry; the institutions of Feudalism compared with some present-day institutions. The Norman Conquest of England. The Crusades, extent and influence. The emotions in religion. The struggle between the Papacy and the Empire. The formation of modern European nations. The Era of Reformation. Geographical discoveries; the protest of Martin Luther, the ascendancy of Spain; English Reformation; of the Dutch Republic; the Thirty Years' War; the Era of Political Revolution; absolute monarchy.

**SECOND TERM:** France under Louis XIV; England under the Stuart kings, the Protectorate and the Revolution; the rise of Russia; the rise of Prussia. England in the eighteenth century. The French Revolution. Economic conditions in France; the world-wide demand for Democracy. Europe since 1815; the Congress at Vienna; France since the second restoration. Progress of democracy in England; the unification of Italy, the new German Empire and the growth of Russia. Expansion in the nineteenth century. The influence of the United States as a world power.

**Text:** A Short History of Medieval and Modern Times.—Myers.

### **Senior Class: The Negro in America**

**FIRST TERM:** Slavery, how introduced, its nature, its economic aspect, its political influence, the gradual growth of emancipation. The Negro as a freeman; his place in American life; his contribution as an explorer, as a sailor and soldier, as an artisan and business man. The Negro in art and in the professions. The Negro school and church. The Negro's place as a landowner and home builder.

**REFERENCE:** The Census Reports, The Story of the Negro, Washington; History of the Negro, Brawley; The Negro in American History, Cromwell; Current Literature.

### **Senior Class: Economics and Industrial History**

Consumption, production, exchanges and distribution are taken up in a simple manner. The value of thrift, of building and loan associations, insurance societies, efficiency, and land ownership as a race's progress. Industries, how and why developed. Geographical and social environment. The elementary problems of living and of social organization.

**FIRST TERM:** A study of the early stages of Industrial Development. Consumption of commodities; value of thrift; method of saving. Production of utilities; Modern organization of business. Transfer of goods; money; credit and banking.

**SECOND TERM:** Distribution; rent, wages, interest, and the labor problem. Value of labor organization; the standard of living, Socialism, its present tendency: Public finance. History of Industry; raw material; steam and machinery. Typical industries and kind of labor required. Products; problems of living; population, health, industrial and social environment; race efficiency.

Text: Elementary Principles of Economics, Ely & Wicker.

### Natural Science

The work consists largely of (1) a series of progressive experiments; (2) solutions of practical problems from the trades; (3) observation work in the shops, in the Experiment Station, and on the school farm.

#### Chemistry: A Middle Class

**FIRST TERM:** Elementary Chemistry. Lectures, recitations, and laboratory experiments together with observation and study of local materials affording information in this subject. The laboratory work supplements and closely follows in order the treatment of the subjects in the recitation and lectures, and serve to illustrate the principles. The experiments are made under the immediate supervision of the instructor and include manipulation of simple apparatus, selected qualitative and quantitative experiments, a study of the laws of chemical action and of the properties and preparation of some important elements and compounds.

**SECOND TERM:** The work of the first term continued.

#### Analytical Chemistry: Senior Class

**FIRST TERM:** Qualitative Analysis: This course is given by means of lectures, recitations and laboratory work, the greater portion of the time being given to laboratory work. The course consists of a series of carefully arranged experiments intended to bring out the distinct properties of the various metals and acids with a study of the reactions involved. Special emphasis is placed on the modern theories of equilibrium, ionization, and mass action. Some attention is given to the qualitative analysis of salts, clays and boiler scale.

**SECOND TERM:** The work of the first term continued.

**Special Chemistry:** This course is offered to the young ladies of the Senior Class, and covers the chemistry of the industrial substances studied in the Girls' Department.

#### Elementary Physics: A Middle Class

**FIRST TERM:** Mechanics, heat and sound. The first half of the year is given to a thorough and systematic study of the principles and theories underlying these subjects by means of lectures, recita-

tions, and laboratory work. The proximity of the machine shops, engine rooms and dynamo room makes it possible for the greater portion of the laboratory work to be carried on at these places instead of in the laboratory proper, thereby giving the student a chance to weave his theory into actual work.

**SECOND TERM:** Light; Electricity. The study of the theories and principles of these subjects together with a series of carefully arranged experiments bearing on their practical use.

### **Physics: Senior Class**

**FIRST TERM:** Advanced course in physics, covering mechanics, heat and electricity with reference to trades; and for those students who have finished the elementary course.

**SECOND TERM:** Physics applied to trades.

### **Junior: Hygiene (Half Year)**

This course is intended to furnish the student with a thorough knowledge of the necessary conditions for good health by means of stereopticon lectures, recitations and experiments. An accurately kept note-book of all experiments performed in the class room is required of each student.

Special attention is given to the study of hygienic conditions in and about public and private dwellings. Emphasis is placed on the relation of water, ventilation, sewerage, and lighting to health. Personal hygiene is a feature of the course and is planned to give a careful outline of the simple necessities.

### **Botany (Half Year)**

The aim of this course is to present matter that will be of the greatest value to the student whose study of the subject must end within a few months. Therefore we have endeavored to bring its study in close touch with the various activities of our school, touching especially agriculture, domestic science, landscape gardening and greenhouse work. The farm, truck garden, orchard, campus, greenhouse, and the native woodlands furnish the basis for our study.

### **Physical Training**

An aim of the course in physical training is to guard and promote the normal physical development of the pupils. The "setting up" exercises in connection with the military drill are required of all the boys by the Commandant.

All girls are required to take not less than two periods a week of systematic exercise in the gymnasium under a special teacher. The theoretical and hygienic meaning of an exercise is taught in connec-



tion with the practice. Talks are given on personal hygiene with special attention to such topics as the causes of physical defects, the corrective influence of particular exercises for specific defects, cleanliness, diet and fresh air. Every effort is made to train the pupils in habits that minister to vigorous health.

Recreation is provided through basketball and other athletic exercises.

### First Year

**FIRST TERM:** Facing, marching, free standing; movements of the Swedish System. The pupils are taught to stand, to sit, to walk properly. Calisthenics, light gymnastics, including Swedish exercises, free developing exercises, elementary heavy gymnastics.

**SECOND TERM:** Calisthenics, light gymnastics, including Swedish free exercises, free developing exercises, elementary heavy gymnastics, Swedish boom, stall bars, wooden dumb-bells, wands, and Indian clubs.

For all classes, outdoor and indoor gymnastic games are planned, viz.: basketball, cornerball, curtainball, centerball, relay races, etc.

### Second Year

**FIRST TERM:** Calisthenics, free developing exercises, Swedish gymnastics, Swedish boom, stall bars, and Swedish box. Drills, wooden dumb-bells and wands.

**SECOND TERM:** Intermediate calisthenics, advanced free developing exercises, Swedish gymnastics, advanced exercises on Swedish boom, stall bars, vaulting box, mat exercises, drills in dumb-bells and wands, Indian clubs.

### Athletics

Swimming, practice in running and jumping, vaulting, tennis and games.

### A Middle Class: Education

**FIRST TERM:** Elementary History of Education, and Principles of Psychology as applied to teaching.

**SECOND TERM:** First term's work continued and observations.

### Senior Class: Education

**FIRST TERM:** Psychology.

**SECOND TERM:** Principles of teaching; Methods and Management.

### Post-Graduate Course

The Post-Graduate Course is designed for those who have finished the course here and for persons holding diplomas from other reputable



institutions, who may wish to make a specialty of Trade Work, Domestic Science, or to prepare especially for class-room teachers.

### **Teachers' Professional Course**

This course is open to graduates of this and other institutions who may desire to become teachers. The course follows:

1. Academic teachers only. 2. Domestic science or trade teachers only. 3. Academic, science or trade teachers combined.

The course extends over two years. To those who have taken the teachers' course during the Senior year at the Institute, or to those from other institutions who have taken part of the two years' course elsewhere, the opportunity will be given to finish the course in one year. A Teacher's Professional Diploma is given where the course has been completed satisfactorily. Educational Psychology; History of Education; Methods, Management and School Administration; Literature, each two quarters; Review and Methods in Arithmetic; Review and Methods in Geography; Review and Methods in Grammar; Review and Methods in History; Practice at the Children's House; Drawing; Physical Training; Vocal Music; Natural Study, each one quarter.

Those who are preparing to become domestic science or trade teachers do not take any subjects except Educational Psychology, History of Education, Methods, Management and School Administration, and Literature. The remaining portion of the time is spent in the particular industrial course for which the individual is preparing to teach.

Those who take this course do ten weeks practice at the Children's House. In addition to this practice an arrangement has been entered into with the Macon County Superintendent of Education for a limited number of the Seniors to practice six weeks each in Macon County schools.

### **The Training School**

The Training School, known as "The Children's House," contains an assembly room, grade rooms, kitchen, dining-room, bed-room, baths, cloak-rooms, closets, private room for teachers and a room for Manual Training. The whole building is well lighted and ventilated.

The Training School serves a double purpose in the Tuskegee Institute community. It is first a public primary school, covering in its six grades about the same ground as that of the same grades in any good city school. It offers the children of the community the ordinary advantages of the public school, with the additional benefits that come from the various resources of the Institute proper—its library, its social entertainments and its industrial equipment. With the completion of the work of the sixth grade, students are ready to enter the Junior Class of the Institute.

The special function of the Training School in its relation to the Institute is, however, that of a practice station for the Normal students who take the course in Education with the view of fitting themselves to be teachers. The educational theories and principles which are studied as a part of the advanced work of the Academic Department are correlated as far as possible with actual school practice. All students taking these courses are required to observe carefully the work of the Training School from the point of view of teachers, appointment, general school management, courses of study, hygienic and sanitary conditions, and especially the methods of recitation.

It is here the members of the Senior Class do practice teaching for ten weeks.

Courses in separate publication.

### The Kindergarten

The Kindergarten accommodates about thirty children between the ages of three and seven. Here foundation is laid for the work of the Children's House. In this division, as in others, there is an effort to connect the work which the child does as closely as possible with the life which the child lives or should live at home.

### Music

Considerable attention is given to music at Tuskegee Institute. There are eight pianos and two cabinet organs belonging to this division. There is also a good musical library from which students have the privilege of drawing music for practice.

In addition to the regular instruction in vocal and instrumental technique, good compositions and even some of the musical masterpieces are studied. Special attention is given also to those "Plantation melodies" which represent an interesting and instructive contribution by American Negroes to musical art. These melodies express better than anything else thus far the spiritual life and moral struggles of the black race in America. In this spirit they are sung by the choir and the student body.

A charge of \$8.25 per quarter is made for instruction on the piano.

### Vocal Music: A and B Preparatory Classes

#### First Year

**FIRST TERM:** All work in the key of C. Explanation of the staff: lines, spaces, Soprano or G Clef, Bass or F Clef. Notes: whole, half, quarter, eighth, sixteenth, thirty-second, sixty-fourth. Writing the scale of C in the Bass and Soprano Clefs. Names, numerals, pitch, syllable. Steps: whole, half; time: 2-2, 2-4, 3-4, 4-4; writing exercises in time; singing easy songs in the key of C. Review of first

quarter's work; study of rests and different musical expressions; scales of G, D, A, and E; singing songs in the different keys.

**SECOND TERM:** Review of first and second quarter's work; singing at first sight in any of the different keys; board exercises in time writing, rests, notes and a general review of all the work.

A second year's course is given to the members of the Senior Class who are preparing to teach.

### Choir

Not less effective than the regular vocal classes is the training in the choir, composed of 150 young men and young women. This choir has one hour's practice each day of the week in singing the very best of classical music, and also in training for the singing of the plantation melodies. Along with the melodies each Sabbath there is rendered at least one selection from one of the best composers, and at Christmas and Easter seasons, the choir renders cantatas arranged for each occasion. These cantatas are elaborate to the extent that an entire evening service of more than one and one-half hour is given up to each.

## Instrumental Music

### Grade 1

Matthew's Graded Course, Bk. I, presents an arrangement of studies and pieces, formed first upon the first five tones of the piano; gradually the exercises grow more difficult, introducing the Bass Clef. Exercises from Mason's Touch and Technic are given with the regular Matthew studies. Other texts used are: Koehler Studies, Op. 150; Czerny, Op. 139, Bk. I; Easy Melodious Studies, by C. N. Landon; Easy Studies with octaves, Op. 70, Bk. I, by Bereus; easy pieces by L. E. Orth, Englemann, Steabbog, Baumfelder, Otto, and others. The Major Scales are begun and practiced through two octaves. Arpeggios are introduced through one and two octaves.

### Grade II

The Second Grade introduces phrasing and style and a readiness of execution. The Major Scales and arpeggios are continued and carried through three octaves. Minor Scales are introduced and practiced through one and two octaves. Studies from Matthew's Bk. II and in addition, exercises from Mason's "Touch and Technic," Volume II. Other studies and pieces used are: 101 Preparatory Exercises, Op. 261, Bk. II, Czerny; Gurlitt, Op. 82, Bk. I; Bursgmuller, Op. 100; selections from Streabbog, Lichner, Reinecke, Schnoll, Oesten, Benedict, Lack, Nevin.

### Grade III

More stress is laid on an equality of finger movement, speed and



brilliancy. Matthew's Bk., Grade III, and Mason's Touch and Technical Exercises, are used in connection with studies of Czerny—octave studies, Op. 533; Loeschorn Op. 52; Heller, Op. 45 and 46; Bach Two-voiced Inventions; selections from Tschaikowski, Wilm, Nevin, Chaminade. Major and Minor Scales in three and four octaves; arpeggios in three and four octaves.

#### Grade IV

Selection and studies can now be played in a musical way, with regard to speed, smoothness and expression. The practice is (1) mainly slow and firm for establishing the hand; (2) moderate and with finger staccato, for rhythm and brightness of tone; (3) fast and musical.

Technique is developed by scales in four octaves, varying in rhythm, both hands together. Matthew's Bk. IV is used and musical works from Heller, Czerny, Op. 740; Bach's Two- and Three-part Inventions; Kullak Octave Studies, Part I; Sonatas by Mozart, Haydn and Beethoven; selections from W. G. Smith, Thome, Moszkowski, Rathburn, Godard, Chaminade, Nevin, MacDowell, Schumann.

Harmony taught in connection with this grade.

#### Grade V

Selected technics. Matthew's Book V and VI. Beethoven Sonatas. Preparation of program for public recital. Harmony continued.

### Public Speaking

Class rhetorical are held in the Junior and B Middle Classes at least once a month.

Public rhetorical are held with the A Middle and Senior Classes throughout these two years every two weeks, in the Academic Assembly Room or in the Assembly Room of Tompkins Hall. The material for such exercises is obtained from the industrial and academic studies, and is then organized into themes which, after correction by the teacher, are committed and delivered by the pupils before the whole school.

Literary societies, open to all, meet weekly under the management of the students and the supervision of a committee of academic teachers.

### Prizes

The Trinity Church Boston Prize was originally twenty-five dollars, and was founded in 1895 by the late Rev. E. Winchester Donald, D. D., rector of Trinity Church, Boston. In 1901 Dr. Donald increased the prize of twenty-five to forty dollars. The prizes have been continued by the present rector of Trinity Church, Dr. Alexander Mann. The original prize is offered as the first prize, and a second prize of





The Tuskegee Institute Band—45 Pieces



fifteen dollars is given. These prizes are awarded to the two students of the Senior and A Middle Classes, who deliver the best papers on the subjects assigned for the competition.

The subjects assigned for the year 1914-1915 are:

(1) Diversified Farming, the Hope of the South; (2) The School Teacher as Farmer; (3) Corn, the Coming King; (4) Work of Home Makers Clubs in Preserving Varieties of Food for the Farmer; (5) Taking the School to the Farmer; Smith-Lever Work; (6) The School Teacher as Health Commissioner; (7) The Larger Service of the Negro Physician; (8) Claxton, the Messiah of Rural Education; (9) The Cow, the New Mortgage Lifter; (10) The Silver Lining of the European War; (11) Exalting the Pig in the South; (12) Unshackling the Farmer—Easier Rural Credits; (13) The Farmers' Feathered Friends—How Birds Help the Farmer; (14) The South Discovering the Negro; (15) The Opportunities in Negro Settlements—Cases Like Baldwin; (16) Dethroning Rum—Prohibition in United States, Russia, France, etc.; (17) Cutting off the Middleman Service of Parcels Post; (18) The Rural Supervisor in Action.

These prizes were awarded last year to James William Lucas, of the A Middle Class, first prize of Twenty-five Dollars, and to George Hubbard, A Middle Class, second prize of Fifteen Dollars.

**The Belknap Prize.** Mr. William R. Belknap, of Louisville, Ky., each year offers a chest of carpenter's tools to the student of the A Middle or Senior Class, who makes the greatest progress during the year in carpentry or wheelwrighting, and whose deportment and general demeanor are satisfactory. This prize was awarded last year to Charles Edward White, Senior Class.

**The Joseph Frye Prize.** A prize of ten dollars was established during 1902 by a Boston gentleman, in memory of his father, Joseph Frye, to be awarded to the student, male or female, who makes the most progress at his or her trade and at the same time makes the best record in academic studies. The gentleman establishing this prize has since died, but provision for its perpetuation was made in his will. This prize was awarded last year to Mary E. Brown, Senior Class.

**The Sumner Prize** was established by the late Miss Ellen Collins, of New York. Having been much impressed by Mr. Edwin D. Mead's paper on "Peace," and a paper by the same author on "Charles Sumner," she established an annual prize of twenty dollars for the best essay on "Peace" written by a member of the Senior Class, the prize to be known as the "Sumner Prize." The subjects for this year are: (1) David Starr Jordan and his Message of Peace; (2) Democracy and Peace; (3) Peace When There is no Peace; (4) Way to Disarm—A Practical Proposal; (5) Carnegie, the Father of Peace; (6) Our Peace and Europe's War; (7) Why Pray for Peace; (8) A League of Peace—Not Preparation for War; (9) Peace Demonstrations; (10) Is



the Peace Movement a Failure; (11) Christ, the Pioneer of Peace; (12) Christianity, the Voice of Peace; (13) Am I My Brother's Keeper; (14) The World Peace Foundation; (15) The Hague Peace System; (16) The Japan Peace Movement; (17) Why They are at War; (18) The Cost of Peace Under Arms; (19) The Road to Peace in Europe; (20) The World's Peace Foundation. This prize last year was awarded to Leon M. Howard, of the Senior Class.

The R. C. Owens Prizes are established by Mr. R. C. Owens, of Los Angeles, California, and are five prizes of ten dollars in gold, each to be awarded as follows: 1. To the student who makes the highest record during the B Middle year. 2. To the student in the Senior Class who shows most efficiency in Agriculture. 3. To the young woman who exhibits the most skill in Domestic Science. 4. To the student who makes the best design, including plans, specifications, etc., for a four-room house, to cost not more than \$600. 5. To the student who makes the best exhibit in bookkeeping over work common to the business course of the school. These prizes last year were awarded to the following students: Clarissa Mae Scott, B Middle Class; John L. Campbell, Sadie E. Jones, Vivian Flournoy, all of Senior Class, and Willis L. Peek, A Middle Class.

The Charles I. Levy Prize. This prize of ten dollars was formerly given by Mr. Charles F. Moritz, of Montgomery, Alabama, it being offered this year by Mr. Charles I. Levy, to be awarded to the student in the Nurse Training Division, who writes the best essay on the theory and practice of nursing. This prize last year was awarded to James M. Poaches, of the B Middle Class and Nurse Training Division.

The Leo Strassburger Prizes. These prizes are two of ten dollars each, established by Mrs. Leo Strassburger, of Montgomery, Alabama, to be awarded to the two students who make the most progress in vocal and instrumental music, respectively, and whose deportment is satisfactory. These prizes were awarded last year to Helen A. Taylor, B Middle Class, Instrumental Music, and Leona C. Hughes, Special Student, Vocal Music.

The W. Graham Tyler Prizes. Mr. W. Graham Tyler, of Philadelphia, Pennsylvania, desiring to encourage students to finish their trades and to stimulate among them greater interest in the trades, has given fifty dollars to be distributed annually in prizes as follows: The first prize of ten dollars to be awarded to the student who does the most perfect industrial work during the year. The second, third, fourth, and fifth prizes of ten dollars each to be awarded to the students of worthy character who exhibit greatest earnestness and diligence at their work. These prizes are to be given only to members of the Senior Class, but the entire record of students during the years they have been in school will be taken into consideration when making the selection for the awards. These prizes were awarded last year as

follows: Dorothy Whittaker, Archibald W. Ridley, James W. Vines, Arthur D. Edwards and Harrison Finch.

**The General Armstrong Prize.** In 1904 Mr. H. V. Perkins, of New York, gave five hundred dollars as an endowment, the proceeds from which each year are to be given as the "General Armstrong Prize," to the student who produces the most painstaking, thorough and best piece of blacksmith workmanship, combined with intelligence of purpose. This prize last year was awarded to George Washington Sanders, Senior Class.

**The Joseph O. Thompson Prize.** For a number of years, Hon. Joseph O. Thompson, of Birmingham, Alabama, has given a gold medal valued at ten dollars to the student of the A Middle Class, whose record for the year in industrial and academic work and deportment has been the most satisfactory. This year the prize consists of a Ten-Dollar Gold Piece. This prize last year was awarded to James W. Lucas, A Middle Class.

**The Selig Gassenheimer Prize.** This is a prize of ten dollars, established by Mr. Selig Gassenheimer, of Montgomery, Alabama, to be awarded to the student of the A Middle Class who prepares the best paper on the "Care of Live Stock," and whose work for the year in this division is most satisfactory. This prize last year was awarded Arcadia Carrillo, A Middle Class.

**The Elbert Williams Prize.** Mr. Elbert Williams, formerly bandmaster at this institution, and of the Twenty-fifth United States Infantry, has established an annual prize of five dollars, to be given to the student of the band or orchestra, of the Senior Class, who makes the most progress in Instrumental Music. This prize last year was awarded to Stanley R. Williams, Senior Class.

**The Foster Jones Prize.** Mrs. Maggie Foster Jones, of Asheville, North Carolina, formerly a student of the A Middle Class of Tuskegee Institute, offers to give each year a Gold Medal, to be awarded to the student who is the most competent seamstress and dressmaker. This prize last year was awarded to Susie Belle Brown, Senior Class.

**The Funk and Wagnalls Prize.** This is a prize of a morocco-bound copy of the latest edition of the Standard Dictionary of the English language, valued at twenty-five dollars, offered by Funk and Wagnalls Company, of New York, publishers, to the student of the A Middle Class, who writes the best essay upon a subject assigned for the competition. This prize last year was awarded to Frank King, Senior Class.

**The Loeb Hardware Company's Prize.** The Loeb Hardware Company, of Montgomery, Alabama, offers a prize consisting of a Champion Electrical Screw Plate to be awarded to the student who makes the best record during the year in the Blacksmithing and Wheelwright-

ing Division. This prize last year was awarded to John B. Jones, Senior Class.

**The Mason Prize.** Mrs. Charles E. Mason, of Boston, Mass., offers two prizes of ten and five dollars each, to be awarded, first to the Senior or Middle nurse, who makes the best record during the year in deportment, general neatness, and cleanliness in person, wards and chart records, ten dollars. Second, to the nurse of any class who makes the highest average in studies during the year, five dollars. These prizes were awarded last year to Mary Daniel Johnson and Psyche McIver, both Senior Class, Nurse Training

**The Nathan Bijur Prize.** Judge Bijur, of New York City, offers two prizes of ten dollars each, to be awarded to the two students who write the best papers on a subject assigned for the competition. The subject last year was "Every Pupil a Teacher—The Influence of the Individual student on the Life of his Community. These prizes were awarded last year to Nathaniel Wright and Sadie E. Jones, both Senior Class.

Mr. L. H. Goddard, of the Rural Organization Service, United States Department of Agriculture, Washington, D. C., has decided to make an annual contribution of twenty-five dollars a year, which amount is to be divided among the young men of the Agricultural Department who are most deserving of beneficiary aid.

These prizes were awarded last year, two of ten dollars each, to Letteria V. May, Senior Class, and William C. Avant, A Middle Class, and five dollars to Lycurgus Knight, Junior Class.

**The E. P. Roberts Prize.** This is a prize of ten dollars offered by Dr. E. P. Roberts, a practicing physician of New York City to the student who does the most satisfactory work for the year in the Physical Training Division. This prize last year was awarded to Marceil M. Maloney, Senior Class.

Mrs. Mary Otis Willcox, of Staten Island, New York, has given \$75 to establish three prizes in the name of her daughter to be known as the Elizabeth Neall Willcox Prizes. This money is to be divided into three prizes, consisting of a first prize of \$35, a second prize of \$25, and a third prize of \$15, and to be awarded to the three girls of the Senior and A Middle Classes who make in one year the greatest improvement in the preparation and serving of food.

**The Charles Eisenman Prizes.** To encourage students to study Agriculture, Mr. Charles Eisenman, of Cleveland, Ohio, has given \$100 to be divided into ten prizes of Ten Dollars each. These prizes are to be awarded as follows: (1) \$10 to be awarded to the student taking farming who shows the greatest skill in plowing, has the highest scholarship in his trade, who reports to work most regularly, making the greatest progress in handling labor and team-power in the most economical way; writes the best composition on "How to



Manage a 100-Acre Farm." (2) \$10 to be given to the student in fruit-growing who is the best plowman, shows the greatest knowledge of his trade, and has the highest record for the year; who can demonstrate the greatest ability to get things done, and write the best composition on "The Care of an Orchard." (3) \$10 will be given to the student who is the best plowman, who makes the highest record in his trade, who can do the neatest work in the truck garden, including marketing and garden displays, and can write the best composition on "The Management of a Hot-Bed and a Cold-Frame for Best Results." (4) \$10 will be given to the student young woman in truck gardening who has the best record in her trade, is the neatest in her work, and who can write the best composition on "Having a Garden the Year Round." (5) \$10 will be given to the student young woman in poultry raising who reports to work most regularly, who exhibits the greatest ability to care for chickens, whose record is the best, and who can write the best composition on "Care of Poultry." (6) \$10 will be given to the student young woman who has the best record in dairying, who can make the best butter, who shows the greatest ability to keep a dairy clean, and who can write the best composition on "Sanitary Dairying and its Relation to Health." (7) \$10 will be given to the student taking dairy husbandry who has the best record, who reports to work most regularly, who shows the greatest ability as a feeder and manager of a dairy herd, and can write the best composition on "The Successful Management of a Dairy Herd." (8) \$10 will be given to the student in swine-raising who shows the greatest ability to manage and build up a herd, whose record is most satisfactory, and who can write the best composition on "Feeding Hogs for Economical Gains." (9) \$10 will be given to the student in road-building who has the best record, is most faithful at his work, and who can write the best paper on "Road Construction." (10) \$10 will be given to the student in veterinary science who has the best record and makes the greatest progress in his trade for the year, and writes the best composition on "How to Care for Sick Animals."

# **PHELPS HALL BIBLE TRAINING SCHOOL**

The general progress of the Negro requires that the efficiency of the minister and the church must be increased to keep pace with the progress of the people. The preacher must have a better knowledge of his duties and opportunities, must have a better equipment for good service and the church must improve its organization and methods for reaching and influencing the ordinary man. The Bible Training School, opened in 1892, is conducted to meet this need. Courses are arranged not only for candidates for the ministry, but for Sunday School Workers, Social Workers, and all or any who must in any way deal with problems of religious, moral, and social advancement.

## **Plan of the Work**

The department lays special emphasis upon training men and women for service in the rural districts and industrial communities. The Bible as the chief text is used to throw light upon the problems of life, and actual experience is gained through direct contact with the life of the school and surrounding community. The teaching is wholly undenominational. Students are given to know and understand the doctrines and organization of their denomination without any attempt to oppose or change their views on these subjects. The sole object is to make him more useful in whatever denomination he serves.

## **Phelps Hall**

Phelps Hall, the building in which the school is taught, was given by a generous New York friend. It is a frame structure, three stories high, exclusive of basement or attic. The first floor contains the Chapel, Library and Reading Room, the Dean's office and three recitation rooms. The two upper floors are used for sleeping apartments.

## **Students and Graduates**

The Bible Training School since its establishment has enrolled more than 1,200 students. Of this number 122 have completed the full course and more than 500 have taken from one to two years or more of the course. Many of these are now serving as preachers and pastors in the various denominations throughout the South, some of them in the vicinity of the Institute. Others are serving as Sunday School

workers and assisting in other forms of religious work. Some, with the ministry in view, are pursuing further studies in other institutions.

### **Admission**

Applicants must be members in good standing of some church and should bring letters to that effect from their pastor or other authority. Candidates for a certificate should be able to read and write with reasonable ease and understanding. Candidates for a diploma must be able to pass an eighth grade examination. Those who cannot do so can take the necessary academic studies along with Bible studies until they are prepared for advanced work.

### **Women**

The increasing activity and peculiar fitness of women for social and religious work makes it desirable to enable them to secure adequate training for such service. A large field is before them as deaconesses and matrons in schools, reform institutions and prisons. This department is open to women for training in these directions on equal terms with men, and courses are given which bear directly on the work they must perform. Persons over 18 years of age are eligible for admission.

### **Expenses**

The entrance fee is \$10, which must be paid in cash. Each student spends a part of his time in labor for the school, by which service he earns his board, room and laundry. Books require about \$3.00 each year.

### **Courses of Study**

The courses of study include History, Bible, Preaching, Christian Service and Christian Doctrine. They aim to give knowledge in explaining the Scriptures, understanding of their spirit and teaching, and practical drill in the best methods used in and about Tuskegee for making the church a useful and effective agent in the improvement of all phases of life.

### **History**

The course in history gives knowledge of the origin and progress of the church and its chief denominations; the origin and development of the Bible, the geography of the Bible, the life, times, customs and manners referred to in the Scripture narrative; and other matter that throws light from the outside upon the meaning of the text and the character of the work for which the church is fitted. Special study is made of organizations and movements designed for social uplift, chiefly those devoted to work among Negroes.



### **Bible**

The course in Bible deals directly with the English Bible. It aims to make the student familiar with all its contents and make them available for instruction and inspiration in all the duties and activities of life. In this course the Bible is covered thoroughly twice; first, to become familiar with the narrative; the second time to discover its deeper lessons and teachings.

### **Christian Service**

In this course are included all those organized and systematic movements for the improvement of personal, home, and community life which may be fostered or conducted by the church. It involves a study of religious, social, educational, and economic conditions and the best methods for improving them. Practical training is provided through the activities conducted by the Institute for helping the people who live in the neighborhood of the school.

### **Christian Doctrine**

In this course the student is led to discover the teachings of Christian faith touching the fundamental interests of life. A survey of real life and everyday experiences is made and the Bible is used to afford light and truth for shaping ideals and conduct. The course aims to provide the student with a simple, clear, life-giving message for the inspiration and guidance of the plain man of the streets.

### **Preaching**

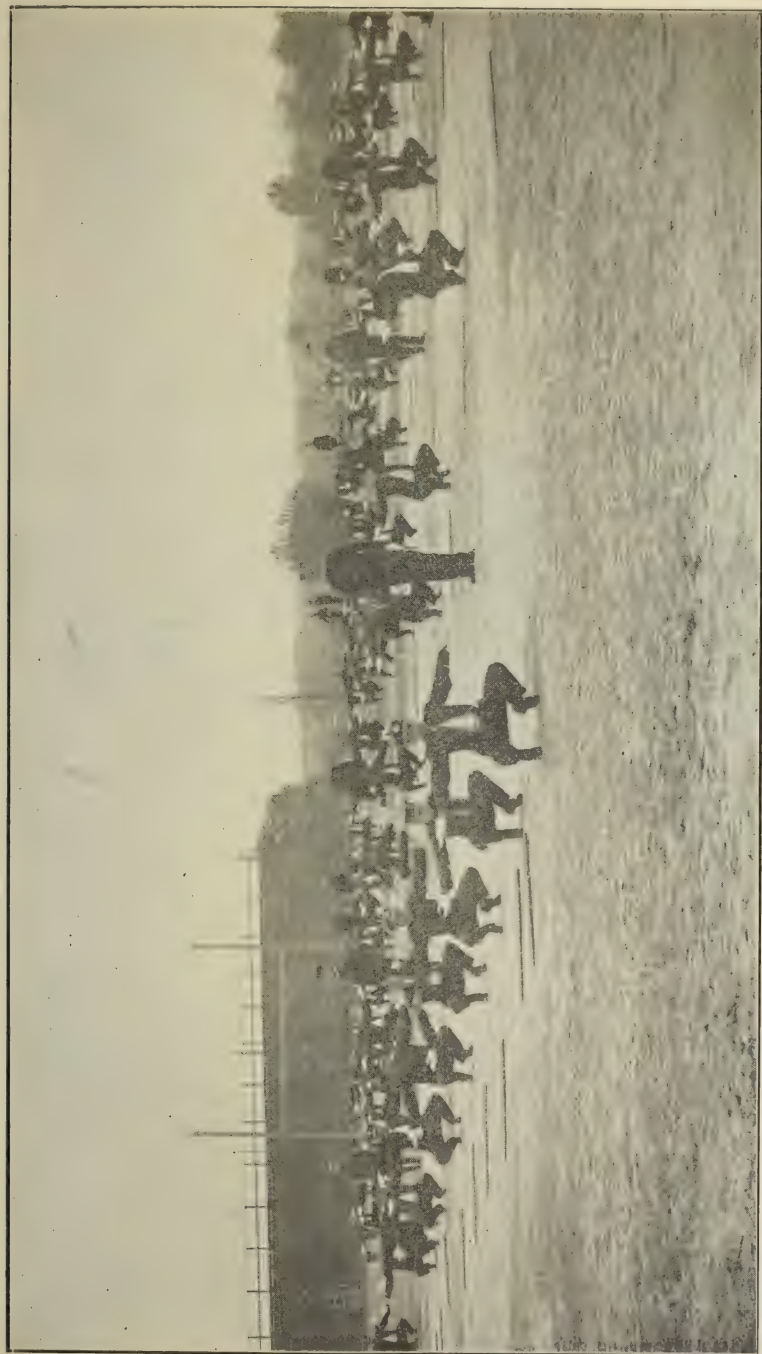
The study and drill under this head cover preaching, public speaking, and music. The course in preaching is directed toward making the student a strong, convincing, helpful preacher of the good tidings brought by Jesus Christ. The course in music will enable those who take it to read notes readily and to take the lead in singing wherever necessary.

Public speaking aims to equip the student with a clear, forceful style of address upon other than strictly religious subjects. The increasing activity of preachers in other fields than the church demands of him a platform style in addition to the style common to the pulpit. Emphasis is laid in both branches upon the development of a fluent off-hand delivery without manuscript and in short addresses, without notes.

## **OUTLINE OF COURSES**

### **Junior Year**

The work of the first or Junior Year of the Bible School is de-



Cadets Exercising on the Institute Drill Grounds





voted to laying a foundation of facts concerning religion, the Bible and the work of the church. It is arranged as follows:

History: Introduction to the English Bible.

Bible: Old Testament Stories, Characters, and Literature. Life and Teachings of Jesus. Early History and Letters of the Church.

Preaching: Reading and Memorizing of Scripture. Brief Talks on Familiar Subjects.

Christian Service: Survey of the Social Field. Religious Work—Evangelism, Christian Culture, Religious Education, Philanthropy. Organization and Methods in the Church, Sunday School, and Y. M. C. A. Methods.

Christian Doctrine: Bible Technique and Reference Work.

### Middle Year

The Middle Year begins a thorough study of the message and work of the Christian Worker, using materials gathered the first year, together with new matter.

History: Bible Manners and Custom. Life and Times of the Bible. Outlines of Denominational History.

Bible: Old Testament History—Its Personal and Social Messages.

Preaching: Composition and Delivery of Sermons. Extended Talks from Notes.

Christian Service: The Home and the Social Relations. Organizations, Agencies and Methods for Social Improvement.

Christian Doctrine: God—His Nature, His Character, His Purpose in the World. Man—His Origin and Nature, His Work, His Destiny. Sin—Its Nature and Effects; Terms of Salvation; Theology of Evangelism.

### Senior Year

The third year completes the work begun in the second year, is a direct continuation of it.

History: General Survey of Church History.

Bible: Detailed Study of the Life and Teachings of Jesus. Apostolic Church History; Analysis of The Epistles and The Apocalypse.

Preaching: Extemporaneous Preaching and Speaking. Pulpit Supply in Local Churches.

Christian Service : Education—The School. The Rural School, Its Problems and Advancement. Popular Educational Movements. Economic Conditions—The Farm, Its Problems and Development. Trades, Employment, Housing. Participation in Extension Work in Macon County.

Christian Doctrine: Christian Experience; Christian Ethics.

Person and Work of Christ; Person and Work of the Holy Spirit. The Sacraments. The Pastorate.

### Diploma

The regular course is covered in three full years of Bible study and leads to a diploma or certificate. A diploma is granted to those students who have completed, in addition to the course of Bible studies, a minimum requirement of Academic studies through the Senior Academic Year. This Academic requirement includes four (4) subjects through the B Preparatory, A Preparatory, Junior, and B Middle Years and three (3) subjects during the A Middle and Senior Years. The courses in the two departments are so arranged that students may pursue the studies of both departments at the same time without interruption or conflict.

### Certificate

A certificate is granted to those students who have not completed either in Tuskegee Institute or some other institution, the academic work required for a diploma, but have successfully completed the three years of Bible study.

## POST-GRADUATE COURSE

Every year there comes to the Institute a number of requests for workers in various lines of social service, the demand being especially large for social workers in industrial communities. Courses of study have been arranged in a post-graduate department for advanced students that will provide such persons with the training in actual service that will fit them to acceptably fill these places. Tuskegee Institute, through its Extension Department, maintains a wide variety of activities. The post-graduate students have the opportunity of serving in these lines of endeavor under the direction of the faculty of the Bible Training School. The course is designed to cover two years of study and practice, but in cases where the student's previous training may warrant, this period may be reduced. Full information concerning these courses is contained in a separate announcement, which will be sent on application.

### Lectures

A lecture course, conducted since the founding of the school, is arranged to give the students the benefit of the knowledge and experience of ministers and laymen who have had notable success in directing church work and other activities which may engage the attention of ministers and social workers.

# DEPARTMENT OF MECHANICAL INDUSTRIES

## Slater-Armstrong Memorial Trades Building

The Slater-Armstrong Memorial (Boys' Trades) Building, in which the mechanical shops are located, is an attractive and impressive brick building situated a little west of the center of the campus. It is 283x315 feet in its greatest dimensions and accommodates all the mechanical industries excepting the saw-mill, electric lighting apparatus, and boilers, which are separately housed, and the brickyard.

In general plan the building is arranged about the four sides of a central court, with cross wings 37x60 feet, at each corner, thus three sides of the entire building are amply supplied with windows, giving an abundance of light and air. The front and side wings are two stories high. There are twenty large rooms, each provided with lockers, for coats, cabinets for tools, and class rooms fitted with desks, blackboards, charts, and materials for teaching the theory of the various trades. The Building is thoroughly heated, partly by steam, and entirely lighted by electricity.

## TRADES TAUGHT

This department includes industries mainly for young men. Since there are few schools which offer to young colored men thorough instruction in the mechanical trades, and the opportunities to serve as apprentices are rapidly passing away, this department offers a rare chance for those seeking such advantages. In arranging the various courses of study, the following purposes are kept constantly in view:

1. To inculcate the dignity of labor.
2. To enable every student to learn a trade.
3. To supply the demand for trained industrial leaders.
4. To assist students in paying all or a part of their expenses, while in school.

The following trades and industries are taught: Architectural Drawing, Mechanical Drawing, Carpentry, Woodturning, Sawmilling, Carpentry Repair, Brickmasonry, Plastering and Tile Setting, Tinsmithing, House and Sign Painting, Coach and Furniture Painting, Plumbing and Steamfitting, Wheelwrighting, Blacksmithing and Horse-shoeing, Harnessmaking and Carriage-trimming, Shoemaking, Machine Shop Practice and Steam Engineering, Automobile Repairing, Applied Electricity, Founding, Tailoring, Printing, Brickmaking.



Bookkeeping and Accounting, as applied to the trades is given some attention.

### POST-GRADUATE COURSES OF STUDY

To graduates of this institution, and others who have had at least an equivalent amount of training, advanced courses of study in the several trades are offered.

The aim of these courses is to give a thorough and intimate knowledge of the theory underlying the trades, as well as to afford special opportunities for doing active, operative trade work. The rules governing Post-Graduates are referred to elsewhere in the catalogue.

### INDUSTRIAL CLASSES

Industrial classes are held at stated periods each week. The purpose of these classes is to study the abstract principle underlying the trades in a systematic manner. Students are required to keep note books, write compositions, read trades journals, and reference books bearing on their trades.

### ARCHITECTURAL DRAWING

This course aims to give thorough instruction in architectural draftsmanship, building construction and design. In arranging this course, both the theoretical and practical sides of building are given special attention. This is made possible by the numerous building operations more or less constantly under way.

The instruction in theory and the practice afforded proceed hand-in-hand. Throughout the course the students work upon problems, and proceed by methods which are similar to those which enter into the experience of the practicing architect.

The course covers four years, and is not open to students below the Junior Class in the Academic Department.

#### First Year

First Quarter. Free-hand Lettering; Simple Projection; Tracing; Blueprinting; Geometrical Problems in Construction.

Second Quarter. Freehand Drawing; Orders of Architecture; Plan-drawing to Scale.

Third Quarter. Orders of Architecture; Working Drawings; Detail Drawings to Scale.

#### Second Year

First Quarter. Wood Construction; Masonry and Metal Construction; Perspective Sketching.

Second Quarter. Architectural Perspective; Requirements and Planning of Buildings; Sanitary Construction.

### **Third Year**

**First Quarter.** Architectural Designing; Heating, Ventilating of Buildings; Elective Monthly Problems in Design.

**Second Quarter.** Electric Lighting; Superintendence and Estimates; Elective Monthly Problems in Design.

**Third Quarter.** Specifications; Estimates and Contracts; Use of the Architect's Level; Elective Monthly Problems in Design.

### **Fourth Year**

**First Quarter.** Advanced Design and Construction; Graphic Statics; Elective Monthly Problems.

**Second Quarter.** Designing Wooden Roof Trusses; Elective Monthly Problems.

**Third Quarter.** Mill and Slow Burning Construction; Elective Monthly Problems.

### **MECHANICAL DRAWING**

Mechanical Drawing is an important essential in the trade work. In the shops, students work from drawings, either prepared by themselves or by others, and no student is granted a certificate in a trade unless his work in mechanical drawing is satisfactory.

The work is arranged with the view of giving the student a thorough knowledge of free-hand sketching, a general understanding of working drawings, and a practical application of rules used in the drawing room to the objects found in the shops, thus preparing the student to read intelligently drawings placed before him and to make his own drawings of proposed work.

The drawing room is situated on the second floor of the Trades Building, in a large, well-lighted room, 37x80 feet. It contains forty-five tables, 30x40 inches on top and 36 inches high. Each table is provided with one drawer to hold drawing material used by the student. A filing case in which students' drawings are kept is also in the room. There is a complete apparatus for making blue prints. Each student is furnished with a set of drawing instruments, a board, a T-square, two triangles, a rule, ink and paper. Students are required to provide themselves with drawing pencils and thumb tacks, the cost of which is fifteen cents.

**Method of Instruction:** All students in the Day School or Night School who are in the Mechanical Department and in or above the A Preparatory Class, are required to take instruction in this division. The work of the first year is largely preparatory. It begins with simple geometrical drawing to familiarize the student with the drawing instruments, and to teach him accuracy and neatness. This is followed by work in projection, which finds application in scale drawing of simple objects.

The student is required to make satisfactory, carefully dimensioned, free-hand sketches from the measurements taken by himself of the complete object and its parts. Lectures and blackboard exercises are regularly given as part of the instruction.

As soon as a fair knowledge of the instruments has been attained, a thorough drill is given in projection drawing, in which free-hand sketches are made and measurements taken, these sketches being converted into scale drawings.

The study of design is carried only far enough to secure an understanding of the principles, facility and accuracy in the construction of drawing plans, drafts, and assembly drawing. In the exercises in designing, the student makes, first, a sketch plan of the thing proposed, then constructs a scale drawing, carrying its development into minor details. The course of study is as follows:

**First Year.** Names and uses of instruments; lettering, construction of plane geometrical problems; simple projection; explanation of scales; objects drawn from scale; free-hand sketching.

**Second Year.** Advanced projection; lettering, working drawings; tracing; detail drawing, materials, blue printing, free-hand sketching, isometric drawing.

**Third Year.** Problems in construction; drafting; detail drawings; materials, working drawings, design; free-hand sketching.

**Fourth Year.** Design; advanced problems in drafting and construction; specifications and contracts; estimates and bills of material.

**Fifth Year.** Problems in design; superintending construction; problems in drafting and in construction.

**NOTE.**—Students who have had no instruction in mechanical drawing, even though they make a high academic class will be required to enter the first-year class in drawing.

## CARPENTRY

The course in carpentry covers three years, embracing instruction in the following branches of the trade: House carpentry, joinery and cabinet-making.

By reason of the large amount of productive work constantly on hand, exceptional opportunities are afforded to get acquainted with practical work, and the use of drawings illustrating the same. Competent instructors are in charge of each branch, and the shops are supplied with the necessary tools, benches, machinery and other apparatus. The shops have a floor space of 9,000 square feet, and are well lighted and ventilated.

### First Year

**First Quarter.** Care of shop, study of material, names and uses of tools, care of tools, lessons in sawing.



Second Quarter. Lessons in planing, beveling, leveling and plumbing; making simple productive articles, such as tables, screens, plain window and door frames.

Third Quarter. Cleaning and sandpapering, selecting materials; work on wood and brick buildings such as cutting and framing floor joists, ceiling joists, studding, plates, bridges.

Industrial classes and mechanical drawing during the year.

### Second Year

First Quarter. Review of the first year's work, advanced work, such as mantels, newels, pine and poplar desks, washstands, bureaus and bookcases; window and door frames for brick buildings; stairways; plan reading; frame and brick house construction.

Second Quarter. Lengths and levels; cutting and placing sills, joists, steel girders, plates, look-outs; getting lengths and cutting common rafters, hip and valley rafters; cripple rafters; truss construction; framing gutters; setting doors and window frames; getting lengths of braces.

Third Quarter. Weather boarding, shingling, laying floors, ceiling; wainscoting, forming ceiling panels, names and uses of wood-working machines, brazing apparatus and its use; wood-turning; setting and sharpening circle saws; practice work on scroll and band saw.

Industrial classes and mechanical drawing during the year.

### Third Year

First Quarter. Review of the second year's work; inside work on frame and brick houses, such as laying floors, ceiling, wainscoting, forming ceiling panels, constructing stairways and porches, fitting and hanging sash and blinds.

Second Quarter. Fitting and hanging doors; putting on hardware; finishing porches and cornices; cabinet making, such as making desks, bookcases; paper files and other furniture.

Third Quarter. Plans and specifications; estimating; making bills of lumber; contracts; laying off buildings.

Industrial classes and mechanical drawing during the year.

### WOOD-TURNING AND WOOD-WORKING

First Quarter. Instruction is given in the names, uses and care of tools and machines, the sharpening of edge tools, the brazing of band saws, and the sharpening of band and circular saws. A study is also made of brazing apparatus, and practice is given in joinery and in the use of band and scroll saws.

Second Quarter. Instruction is continued in the sharpening of band and circular saws and edge tools, and in the brazing of band

saws. Practice is given in lathe work from drawings, in joinery, pattern-making, in free-hand sketching of objects for turning.

Third Quarter. Instruction and practice is given in face-plate lathe work, from drawings; in joinery and pattern-making. Special attention is given to the theory of installing machinery, to the arrangement of wood-working machinery, and the designing and making of moulding cutters. A study is also made of prices, and how to order machines; lacing belts, practical work.

Industrial classes and mechanical drawing during the year.

### THE SAWMILL

Saw milling is carried on largely in the spring and summer. The saw mill is located in the belts of timber which are to be manufactured into lumber. The mill is, therefore, moved from place to place as new timber land is acquired or leased.

This division is equipped with a 40-horse power portable engine and boiler, circular saw mill, lath saw, cut-off saw and the necessary small tools. To those students who desire to take this work, the following course of study is offered.

First Quarter: Names of machines; care of machines; lacing belts; practical work.

Second Quarter: Care of machines; repairing belts by lacing, bradding and gluing; sharpening circular saws; grinding edges on tools used in timber cutting; making bills; counting lumber; measuring wood; practical work.

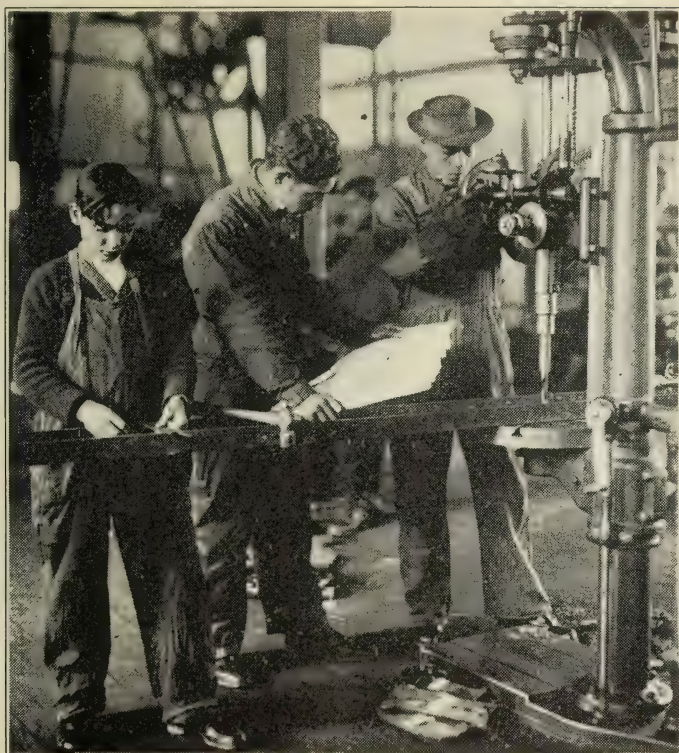
Third Quarter: Sharpening circular saws; gumming circular saws; running circular saws; making out bills; grading lumber; stacking lumber; study of forest trees; firing boiler and running engine; study of injector, steam jets and other parts; practical work.

### CARPENTRY REPAIR

The regular Division of Carpentry has been so crowded the last few years that it was found necessary to organize an auxiliary division. This division is known as "The Repair Division." The course of study is similar to that in the regular carpenter division and extends over the same length of time. All the school's repairs in wood-work are done by this division.

### BRICKMASONRY, PLASTERING, AND TILE SETTING

Nearly all the brick work on the buildings of the school is done by the students of this division, under the supervision of the instructors. Plastering on the inside and the outside of the buildings is looked after by this division. The theory is given in the class room,



Students at Work in Machine Shop





and practical work in the actual construction of the buildings. The course of study covers three years as follows:

## **BRICKMASONRY**

### **First Year**

First Quarter. Names of tools; how to care for them; their application; building scaffolds.

Second Quarter. Preparing material for different kinds of brick work; study of the fundamental principles of the trade.

Third Quarter. Study of sand, lime and cement; lime and cement mortars; concrete.

Industrial classes and mechanical drawing during the year.

### **Second Year**

First Quarter. Review; mixing concretes and mortars; distribution and proportions; testing mortars.

Second Quarter. Bricklaying; bonding walls; composition, color and requisites of good bricks; strength of bricks; thickness of mortar joints; estimates.

Third Quarter. Masonry footings, concrete and brick; foundation; offsets and why used; foundation walls; use of machine in making cement blocks; practical lessons in chimney building.

Industrial classes and mechanical drawing during the year.

### **Third Year**

First Quarter. Review; bricklaying; estimates; leveling and staking out building; lathing and plastering.

Second and Third Quarters. Foundations; nature and bearing power of soils; methods of testing soils; designing foundations and proportioning footings.

## **TILE SETTING**

**Preparatory Instruction.** A short history of the manufacture and use of tile; a knowledge of the qualities, shapes and designs of tile with color; a study of materials used in the work. Instruction is given in the form of daily lectures in addition to the practical work outlined below.

**Shop Instruction.** Floor work; importance of having good foundations; preparing the surface to be tiled; floating the cement; placing the tile and finishing.

**Wall and Ceiling Work.** Instruction in applying metal lath; plumbing walls; scratch coating same; setting covers on base tile; setting the cap and finishing.

**Mantels.** Preparing the floor for hearth space; laying the hearth;

building brick arch; putting up, facing and lining fire brick and tile; building tile mantels.

### TINSMITHING

The Tin Shop is located on the first floor of the Trades Building. It is well supplied with tools and up-to-date machinery and appliances for making various kinds of tinware for domestic uses and for the production of every form of sheet metal work required in the building trades. As building operations are in progress at this institution during some part of every year, excellent opportunity is afforded for gaining valuable experience in the construction of metal roof, the construction and erection of gutters, conductors, skylights, ridge rolls, and crestings, and the repairing of same. Attention is also given to furnace and stove installation.

#### First Year

First Quarter. Names of tools; how to use and take care of them; mathematical problems.

Second Quarter. Dressing and plating soldering coppers; use of coppers in soldering, repairing old vessels; different kinds of fluids used; use of the rule, square and compass in laying out work; cutting straight and curved lines; making pipes of various kinds; drafting patterns for pails; putting tin together for roofing work; making elbows; putting up conductor pipes.

Third Quarter. Preparing tin for flat seam roof; drafting elbow patterns for different angles; making gutters, conductors, etc.; making metal vessels; flashings; problems.

Industrial classes and mechanical drawing during the year.

#### Second Year

First Quarter. Making deck flanges, hoods, ventilators, revolving chimney caps, mouldings and gutters; drafting inside and outside miters of different angles; finishing tin roofs.

Second Quarter. Putting up different kinds of gutters; mixing paint for tin roofing; working out patterns in pattern cutting; bills of material; review of work, making ridge rolls, cresting and terminal blocks; flat seam tin roofs.

Third Quarter. General inside and outside work; making estimates; bills of material; miscellaneous work; development of surfaces; roof work.

Industrial classes and mechanical drawing during the year.

#### Third Year

First Quarter. Making drawings at different scales to develop full size working patterns; making articles from these patterns; cornices, window caps, etc.



**Second Quarter.** Advanced problems in pattern making; laying out and forming advanced work; estimating; straight and flaring work.

**Third Quarter.** Management of the shop; estimates from plans, bills of material; making and putting up plain cornices; roof work; vessel work.

Industrial classes and mechanical drawing during the year.

## **PAINTING**

The Division of Painting is located on the second floor of the Trades Building, in a large well-lighted and well ventilated room. A large Warner elevator is used to take vehicles from the Wheelwright Division on the first floor to the Painting Division on the second floor. Ample closets are provided in connection with this room for the use of students in which to keep material and tools. Adjoining the Paint Shop is a large varnish room. A great deal of house painting, hard oil finishing and graining is done by this division. Each student is furnished with necessary tools and is required to provide himself with overalls and aprons. All of the buildings on the grounds, and carriages, buggies, carts, etc., as well as the furniture made in the Carpentry Division, are painted by the students of this division. The course of study follows:

### **HOUSE AND SIGN PAINTING**

#### **First Year**

**First Quarter.** History of paint and painting; names, care and use of tools; care of a paint shop; primary colors, oils and pigments; color matching; glass frosting.

**Second Quarter.** Review of previous quarter; study of different kinds of woods; preparation of different surfaces for paint; stain and varnish; names and uses of various kinds of glass and glazing methods.

**Third Quarter.** Review of previous quarters; color harmony; color mixing; names and uses of various paint materials and how to care for them; exterior painting; interior painting; floor waxing.

Industrial classes and mechanical drawing during the year.

#### **Second Year**

**First Quarter.** Preparation of old surfaces for repainting; restaining and revarnishing; materials used in natural wood; finishing and wood polishing.

**Second Quarter.** Review of previous quarter; preparation of surfaces for graining and marbling; floor waxing.

**Third Quarter.** Review of previous quarter; materials used in kalsomining; preparation of walls for kalsomining; practice in water

color mixing; estimating from plans and specifications; shop management.

Industrial classes and mechanical drawing during the year.

### Third Year

First Quarter. History of wall paper; classification of wall paper and other wall coverings; preparations of walls for paper; removing old wall paper; how to make paste and size for wall paper; names, uses, and care of tools; practical work in papering; decorative painting.

Second Quarter. History of the alphabet; tools necessary for sign painting; classification of letters; different styles of letters; component parts of letters; practical work in lettering.

Third Quarter. Surface preparations for sign work; laying off sign work on different surfaces; spacing and cutting in letters; gilding and smalting surface letters; shading; gilding on glass.

How to carve and build wooden letters, brass sign etching; how to conduct a painting business economically.

Industrial classes and mechanical drawing during the year.

## COACH AND FURNITURE PAINTING

### First Year

First Quarter. History of paint, the names of tools and material. Primary colors, the uses of various vehicles and pigments. Cleaning and sand-papering old and new work.

Second Quarter. Review of previous quarter. How to remove paint from aluminum and wooden panels; how to prepare all surfaces for their respective primers. Naming and mixing the different kinds of lead; how to use shellac; mixing of various stains for furniture and cabinet work.

Third Quarter. Review of previous quarter; naming and mixing of three kinds of putty; how to fill large slits in panels successfully, with putty; how to glaze and putty a gear. Industrial classes and mechanical drawing during the year.

### Second Year

First Quarter. Sand-papering, puttying, rubbing rough stuff, mixing rough stuff for all classes of work. How to prepare guide coats for rough stuff.

Second Quarter. Review of previous quarter; preparing colors for color varnish; how to make a color varnish; the use of clear rubbing varnish; how to make enamel top dressing for all colors of leather; how to paint canvas to keep from cracking; how to size canvas after painting, for striping.

Third Quarter. Review of previous quarter; how to prepare art wood finishes for furniture; how to mix putty for rubbing var-

nish; how to produce an egg-shell glass; how to clean and care for striping pencils. Industrial classes and mechanical drawing during the year.

### Third Year

First Quarter. How to care for a varnish room; the importance of cleaning brushes; the temperature of a varnish room. The use of the tool brush for rubbing varnish; how to use soft felt for rubbing.

Second Quarter. Review of the previous quarter. How to wash off a body for finishing; how and when shellac should be used in finishing. How to prepare colors for striping the different kinds of stripes for wagons, buggies, and automobiles. How to finish and polish furniture.

Third Quarter. Review of the previous quarter. How to prepare bronze for striping and decorating; how to finish transparent work; how to prepare carmine for glazing. Shop Management. Industrial classes and mechanical drawing during the year.

## PLUMBING AND STEAMFITTING

The tools and shop equipment of this division are such as to give the student a practical and theoretical knowledge of plumbing, steam and hot water fitting, sewer and water line construction. The plumbing and steamfitting in most of the buildings are done by the students in this division.

The work includes the installation of bath rooms and kitchen fixtures, sanitary closets, hospital fixtures, sewers and drains. The steam work includes the installation and operation of the following heating system: One- and two-pipe system, steam and hot water, the piping of engines and kitchen apparatus, and other work usually met in practice. The opportunity to learn plumbing and steamfitting is rare, and the chance here offered should appeal to those desiring to learn the trade. The course is as follows:

### First Year

First Quarter. Pipe fitting tools, construction and manipulation; hand tools; pipe joining tools; pipe reaming tools; hand tools for driving drills; measuring and testing tools; cutting and threading pipe of small diameters.

Second Quarter. Pipe and fittings; threading pipe for steam and water, pipe measurements; classification of different kinds of packing, disc, Fuller plunger rings, corrugated gaskets, etc.; repairing bibs, valves, flange unions and making right and left connections.

Third Quarter. Installation and repairs of water and steam pipe, expansion joints, separators, traps, swing joints, coil, and insulation of pipe; hanging, anchoring and supporting pipes.

Industrial classes and mechanical drawing during the year.



### **Second Year**

**First Quarter.** Heating and ventilating; radiators; circular radiators, column loop radiators and details of installation; pipe coils, purpose of construction; calculation of radiation; system of one-pipe heating; drying and cooking by steam; installation of cooking apparatus.

**Second Quarter.** Systems of piping; one-pipe, one-pipe relief and one-pipe cutting system; air valves and pipe sizes; hot water piping and overhead distribution; expansion tanks; combination system of heating; return pumps and traps.

**Third Quarter.** Steam and water boiler connections; steam pressure and temperatures; indirect heating; estimating and planning for heating systems; installation of feed water heaters; care and operations of heating systems; installation of steam tables and plate warmers.

Industrial classes and mechanical drawing during the year.

### **Third Year**

**First Quarter.** Roughing in for bath rooms, hospital fixtures, laundry tubs, kitchen apparatus, installation of water mains, tapping and making branch connections.

**Second Quarter.** Soldering and wiping joints; installing closets; connecting bath tubs, lavatories, shower baths, urinal stalls and various plumbing fixtures.

**Third Quarter.** Estimating plumbing and steamfitting; bills of material, plans and specifications for steam and waterworks; laying off work for plumbing fixtures.

Industrial classes and mechanical drawing during the year.

## **WHEELWRIGHTING**

The Wheelwrighting Division is located on the first floor of the Trades Building. It is well fitted for work in general wheelwrighting and repairing.

Included in the equipment are ten wood-workers' benches, 32 inches high, 42 inches wide and 8 feet long. Each bench is divided into two parts, making it possible for two persons to work at the same bench without interference. The benches have three drawers and one closet on each side in which tools are kept.

Each pupil is provided with the following tools: one coachmaker's vise, one 26-inch No. 6 crosscut saw, one 12-inch back saw, one set of planes, one set of chisels, one set of auger bits, one set of gimlet bits, one ratchet brace, one coach-maker's drawing knife, one spoke shave, one thumb gauge, one tri-square, one bevel, one hammer and one mallet. Other tools are kept in reserve by the instructor, and used only when needed.

This division is constantly building work, such as wagons, drays, new horse and hand carts, wheelbarrows, buggies and road carts. The work of repairing vehicles and farm implements for the school, and a large amount of repairing for the locality, is also done by this division. The course of study follows:

#### **First Year**

First Quarter. Care of shop; study and care of tools; measurements; practice work with saws, planes, drawing knives, bits, chisels and spoke shaves; matching and joining.

Second Quarter. Selecting stock as to size, getting working surfaces; squaring and rounding stock; making joints.

Third Quarter. Selecting stock as to variety; practice work on wheelbarrows and push carts, making wagon parts from patterns.

Industrial classes and mechanical drawing during the year.

#### **Second Year**

First Quarter. Making patterns for wagon parts; building wagon parts; making push carts; repairing farm wagons.

Second Quarter. Work on wagon parts continued; repairing wheels; principles of wheel building; assembling wagon parts; first steps in laying off Thimble Skein axles.

Third Quarter. Laying out Thimble Skein axles continued, repairing buggies; practice work on buggy parts.

Industrial classes and mechanical drawing during the year.

### **BLACKSMITHING AND HORSESHOEING**

The Blacksmith Division is located in a room 37x60 feet, on the first floor of the Trades Building. It is furnished with nine stationary forges, with Champion blowers, and one portable forge; near each forge is an anvil weighing 120 pounds, and a tool bench two feet high, two and one-half feet wide and six feet long, furnished with drawers and a blacksmith's vise. Each bench is supplied with the following tools: one sledge hammer, two hand hammers, eight round iron bottom swages, varying from one-fourth to one inch, one set of collar swages, twelve pairs of tongs suitable for handling iron, varying in diameter from one-half inch to one inch, four hand punches, varying from one-fourth to one-half inch.

#### **First Year**

First Quarter. Cleaning shop, making fires, proper arrangement of tools, importance of keeping coal bins and water troughs full, care of stock room.

Second Quarter. Names and uses of tools and machines. The

management of horses in the shop. Helping advanced students at forge practice, drilling and bending.

Third Quarter. Helping at forge practice, removing old shoes from horses' feet, use of dies, punches, screwdrivers, screw-plates and taps, use of the rule and square.

Industrial classes and mechanical drawing during the year.

### Second Year

First Quarter. Making axle sets; setting axles; uses of square, caliper, dividers, straight-edge and spirit level; economy in the use of coal, iron, steel, oil and borax; special practice in the use of drill bits, edged tool and screw plates.

Second Quarter. Repairing wagons; anatomy of the horse's foot; clinching; leveling; making horse's shoes; faulty action of the horse in traveling; proper angle of the foot; welding and bending hot iron; uses of fluxes.

Third Quarter. Welding steel; ironing new wagons, carts, wheelbarrows, putting work together; welding axles and tires; repairing buggies, carriages, ironing buggies.

Industrial classes and mechanical drawing during the year.

### Third Year

First Quarter. Forge practice; scientific horse-shoeing, making shoes to correct forging, knee-knocking, interfering, cross-firing, stifle trouble, knocking and contraction of heel, fitting shoes; diseases of the foot.

Second Quarter. Laying off work; getting angles, circles; fitting bands to cones; various kinds of welds and how to make them; tool-making; repairing farm implements; effect of sand and borax on welding heats; building carriages.

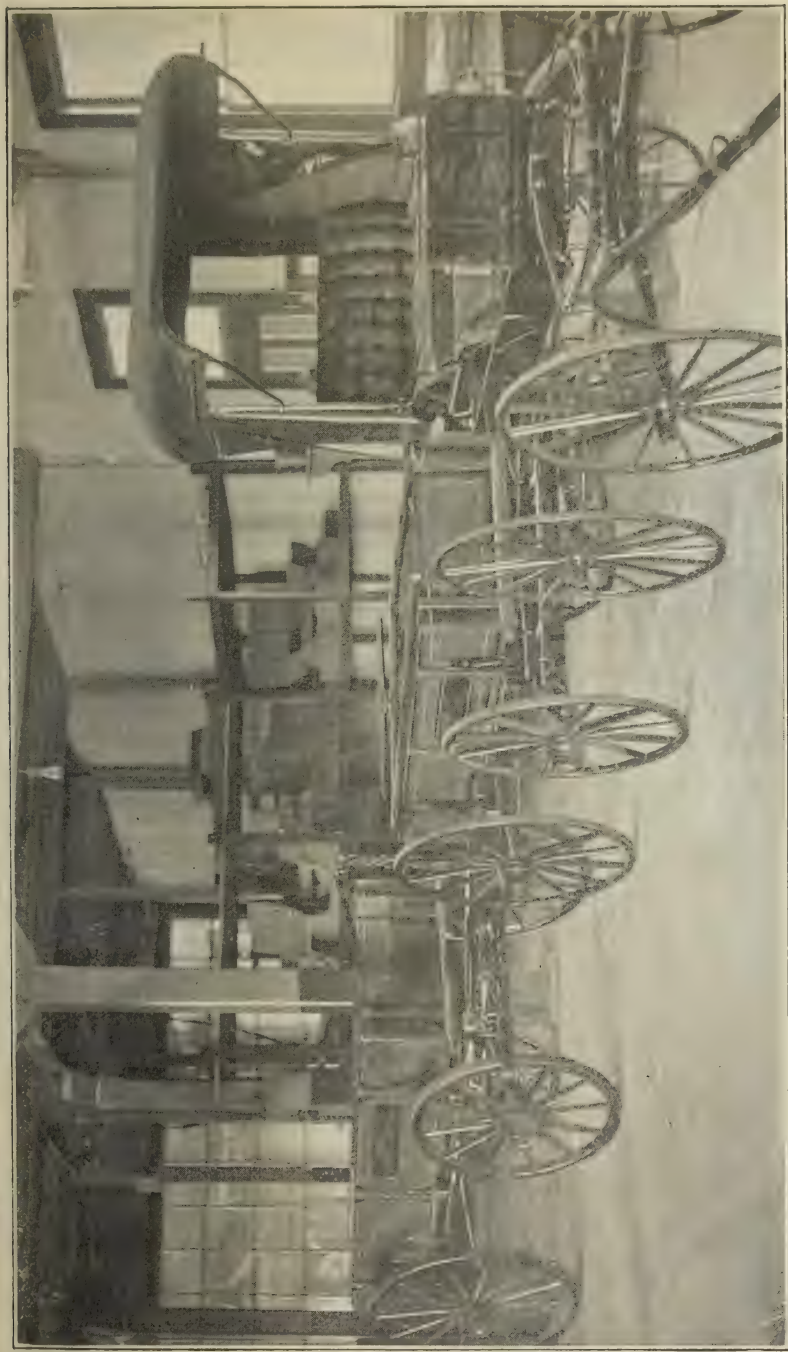
Third Quarter. Building buggies and carriages; laying off work; making estimates and bills of material; keeping shop supplies; shop management. Measuring tread of vehicles; leveling bodies and shifting rails for tops.

Industrial classes and mechanical drawing during the year.

### HARNESSMAKING AND CARRIAGE TRIMMING

This division is situated in a large, well-lighted room on the second floor of the Trades Building. Most of the harness used by the school and a large quantity sold to the public is made in this shop every year. All of the carriages and buggies turned out by the Blacksmith and Wheelwrighting Divisions are trimmed by students taking the course in carriage-trimming. The course of study is as follows:





Some Examples of work Done by Students in the Blacksmithing, Wheelwright and Painting Divisions



### **First Year**

First Quarter. Harnessmaking—Care of shop, name and care of tools, thread making, practice stitching, quality and preparation of leather, and dimensions of straps.

Second Quarter. Repairing, cleaning and oiling harness and making odd parts of single and double wagon harness, such as hame straps, breeching, side straps, traces, shaft tugs, fronts, lines, etc.

Third Quarter. Cutting out, fitting up and finishing single and double wagon harness; the study of a five-ring halter and dump cart harness.

Industrial classes and mechanical drawing during the year.

### **Second Year**

First Quarter. Review of work of the first year, names and grades of trimming, names and grades of leather.

Second Quarter. Study of single and double buggy harness, dimensions of their parts, care of patent leather.

Third Quarter. Making single and double buggy harness; making harness blacking, the study of break, flexible and gig saddles, pattern cutting.

Industrial classes and mechanical drawing during the year.

### **Third Year**

First Quarter. Review of work of first and second years. Study of cart-saddle and truck harness. Technical pattern drafting and economical cutting. Instruction is also given in operating various kinds of harnessmaking machines.

Second Quarter. The study and making of surrey, express and track harness, practical estimates and designs.

Third Quarter. The study and making of track, coupe and coach harness. Pressed loop work, bristle stitching and hand lacing, making all grades of riding bridles; special sketch work.

Industrial classes and mechanical drawing during the year.

First Year. Carriage Trimming—Use of scissors and needles, names of tools; basting, stitching on machine, the study of carriage materials, how to shrink goods; and trimming delivery wagons.

Second Year. How to draft and make plain cushions; pattern cutting; how to trim an open buggy; how to make plaited cushions and backs; how to set tops, correct rules for drafting tops and square biscuit work.

Third Year. How to trim surreys; trimming top buggies and phaetons; matching colors; diamond biscuit work; the study of squabs and fall figures.

Industrial classes and mechanical drawing during the year.



Students have abundant opportunities for practical work, in consequence of the amount of outside orders and the general work of the institution.

### SHOEMAKING

The Shoemaking Division is on the second floor of the Boys' Trades Building. Shoes for students and teachers as well as for persons outside the school are made in the shop. Most of the repairing for the school is done in the shop. This work gives the student a great amount of practice. The equipment includes a set of Goodyear shoemaking machines as follows: One Goodyear welt or turning machine, one Goodyear rapid lock stitcher, one welt channeler, one outer-sole channeler, one welt-beater, one bobbin-winder, one welt-groover, and one welt-splitter. Besides this machinery, two latest improved Wheeler & Wilson machines have been added to the upper-making department of this division.

The course is mapped out to cover three years, two of which should be spent in Night School in order to cover the ground in the specified time.

#### First Year

First Quarter. Thread breaking; making ends; making different stitches; sharpening knives; care and uses of tools; common half-soling and heeling.

Second Quarter. Preparing leather for use; soling and heeling nailed shoes; different kinds of patching and half-soling sewed shoes; method of putting together different kinds of shoes.

Third Quarter. Study of different leathers; high-class repair work; preparing insoles and putting bottoms on common shoes.

Industrial classes and mechanical drawing during the year.

#### Second Year

First Quarter. Review of first year's work; repairing pump-sole shoes; the study of heels and how to build them to best suit the wearer.

### Machine Shop Practice and Steam Engineering

The Machine Shop is equipped with the latest machine tools driven by power from an Atlas steam engine. Lathe planer, sharper and drill-press work, as well as bench work and a course in erecting are given. All the repairing of the mechanical equipment of the school, including steam pumps, steam engines, wood-working machines, printing presses, metal-working machines, etc., is done in the Machine Shops, about fifty different machines outside of the Machine Shop, including laundry machinery, agricultural machinery, dairy machinery, etc., are in daily operation, furnishing the best illustrations for the theory work of this division. In the steam engineers' course,

the young men have studies from eleven different steam engines, seven steam pumps, twelve steam boilers, a complete water-works system, with miles of piping, and the various water-works equipment—valves, gauges, recording apparatus, etc.

The instructors give the students the theory and written work pertaining to the trades, and mathematical studies are so correlated as to give the student jobs from blue print drawings and free-hand sketches. The course of study follows:

## COURSE OF STUDY—MACHINE SHOP

### First Year

**First Quarter.** The use of vises and hammers; technical terms used and sizes and classes of vises; grinding chisels, punches and drills; use of cold, cape and gouge chisels on castiron flat surfaces; clamping finished work in the vise. The use of the rivet hammer on small rivets; the use of the two-foot rule and six-inch scale; different files and their uses; use of center punches, dividers and scribes; laying off work for drill press; making circles for drilling and lines for planing on chalked cast iron surface; explanation of draw filing and scraping; how the scraper is made and used; cutting key ways and oil grooves; application of measuring instruments at the bench, scale, rule, divider, level, scratch block, surface plate and calipers; the use of dies in bolt-cutting; taps and tap drills, standard charts for same; use of oil and water in tapping.

**Second Quarter.** Names of tools and material used on vise work; emery cloth and polishing at the vise; cutting out shapes in sheet steel; re-grinding globe valves; repairs on valves and bibb cocks; re-grinding blow-off and stop cocks; names and parts of a drill press; drill press management; twist drills and their uses; grinding twist drills and center reamers; speed for drilling various metals; the use of the tap drill on the press; boring cored holes on the press; the self-feeding mechanism; counter-sinking holes; counter-boring; reaming holes on press and straight tapping with centers inserted; facing holes on press; drilling at angle; use of the drill racket on work away from shop.

**Third Quarter.** The pipe die and stock; drilling pipe holes for pipe tap; the pipe cutting machine; packing valves and glands; grinding pipe taps and dies; the shaping machine and attachments; taking straight cuts and shear-off tools with diamond point tools; bolting work on shaper for straight and angle cuts; the mechanism of a slide valve engine, operation; cleaning engines; throttling governor, fly wheel governors; adjusting governors; internal lubrication; belt ply—gum and leather; use of belt dressing; adjusting the packing gland of the steam engine; adjusting cotters.

Industrial classes and mechanical drawing during the year.

## Second Year

**First Quarter.** Vise work; fitting connecting rods for stationary and locomotive engines; causes of pound in rods; lining rods; filing cotterway; planing brasses; measuring and squaring brasses; surface plate; fitting cotter and gibs; scraping brass journals; babbitting journals; fitting liners to boxes.

**Power Transmission.** Line shafting and hangers; speeds for different shops; alignment; pulleys, iron and wood; clutches, friction; crown pulleys; counter-shaft; hangers and pillow blocks; setting and erecting; use of speed indicator; engine fly wheels; how to improve plants with slipping belts; bore of pulleys concentric with rim.

**The Iron Planer.** Classes, styles, and uses; belt and shifting mechanism; planer bolts; horizontal, vertical and angle feeds; tools for the planer; roughing cuts; broad nose smoothing tools.

**Second Quarter.** Heating iron and steel; cast iron and its characteristics; case hardening; finished pieces heated in lead pot; drawing colors; tempering tool steel in oil and water; annealing steel; annealing furnaces; drawing tempers and colors.

**Steam Pumps.** Kinds and classes of pumps; speed of pumps; anatomy of the pump cylinder; suction pipe leaks; foot valves; prime piping; valve gears, single acting; duplex; check valves and uses; pump governors; packing water cylinders; packing for water and glands; springs on water valves; lubrication (cylinder); feeding heavy and light oils; principle of operation; care and application; air chambers for pumps; additional suction chamber; water hammer in pumps; gauge on delivery pipe; setting valves on duplex; arithmetic of pumps.

**Lathes and Turning.** Machine Shop lathes; turning engine, speed and turret, screw cutting machine; the construction and parts of the Reed, LeBlond, Hendy and others; the shaping of tools for lathes and planes; filing same in vise.

**Centering Work for the Lathe.** Turning straight work with diamond-point tools; care and adjustment of centers and spindle screw; the lathe chuck and face plate; tape attachments; screw cutting gear; belt sewing and management; turning brasses, steel and iron; speed for same; inside and outside calipers measurements.

**Third Quarter.** Boring bars in lathe made for ready job; angle cuts with boring bars; counter bores in cylinder; turning eccentric; drilling with counter boring drill an oblong hole, making mandrel for the eccentric turning; method of laying off holes and centering them for drilling in lathe; finding center in lathe; cutting threads to accurate depth inside of hole on lathe by chasing; the use of a hob; annealing dies and renewing threads; arithmetic of screw cutting in lathe; erecting and setting a machine tool foundation; erecting and assembling parts of the machine; use of belt stretchers on 10-inch to 12-inch belts; straightening a shaft after being bent by accident; bushing a pulley; preparing a steam engine and a boiler for a long shut down;



making a pressure pump for hydraulic test; steam boilers—types and management; furnaces, gates, bridge walls, combustion chambers; boiler setting and erecting; smoke stacks; erecting steam engines; foundation.

Industrial classes and mechanical drawing during the year.

There has recently been added to the regular work of the Machine Shop Division a course covering one year, in the study of automobile construction and repairing, as follows:

**First Quarter.** Materials and construction of frame work of cars, including axles, springs and steel chassis; methods of installing machinery to the chassis; method of testing machinery in chassis before body is attached; gasoline motors, theory and practice; problems differing from steam engineering; gasoline—kinds and qualities; the reasons for multiple cylinders; the theories of explosions in the cylinder; mixture of gases and how controlled.

**Second Quarter.** The working parts of the gas engine and how assembled; operation of machinery to engine; how to set the glazing metals used in engine construction; theory of the magneto and electric wiring to same; storage battery methods used in firing the cylinders; cooling the cylinders; lubrication; setting the valves, intake, and exhaust grinding the valves; valve springs and cam shaft; marking the position of valves; testing valves for leaks; when a carburetor is dangerous; how to test a carburetor and adjust the automatic float valve.

**Third Quarter.** The theory of the construction; proportion of proper mixture of motor feed; the carburetor in use and to control same; the transmission gears of the car and how to repair same; the theory of differential gears; the breaks and how to overhaul them; testing the emergency brake; the troubles with spark plugs and how cured; the troubles with the motor cylinder and how cured; how to test ignition troubles; the proper method of resetting magnets; how to repair a weak motor; methods used in resetting the valves; how to correct noisy motors.

### APPLIED ELECTRICITY

The object of this course is to fit students to become intelligent, practical electricians. For this purpose the student is taught to do the mechanical side of a job, and careful instruction is given to the underlying principles of each operation.

The course is carried on in a progressive manner, making use throughout of the apparatus, plant and laboratory for experiment and demonstration of the principles under consideration.

This course covers work in bell and announcement wiring, line construction, interior wiring, repairing and care of arc lamps, direct current dynamos and motors, central station practice, telephoning, alternating current and alternating current apparatus.

The electrical equipment consists of one 50 K. W. and one 150 K. W. monocyte alternators with an exciter and marble switchboard for each; one 150 K. W. revolving field, three-phase alternator with an exciter and marble switchboard. The first two together or the last alone is used for lighting the grounds and buildings of the Institute. Shunt and a compound wound exciters, a shunt-motor, three-phase motor, a photometer, voltmeters, ammeters, recording K. W. H. meters, wheatstone bridge, several types of arc and incandescent lamps; transformers and rheostats are in the laboratory for experimental work.

Swoops Practical Electricity is used for a text-book. Students are required to secure this book. The course of study follows:

### First Year

First Quarter. Electricity and magnetism; conductors and insulators; effects of a current through a wire around an iron core, on a fuse wire, and on arc lamp-carbons; fundamental units; electrical units of E. M. F. resistance current and voltage; Ohm's Law; units of force, work, horse-power and efficiency; velocity and revolution; acceleration.

Second Quarter. Artificial magnets; lines of force; magnetic fields; actions of fields on each other; cells; internal and external circuits; cells and parallel, series and series-parallel. Proof of Ohm's Law by experiment; experiments on resistance in series and parallel; problems; drop or loss of potential on a long conductor; connections; use of arc lamps, rules for interior wiring.

Third Quarter. Measurements of drops in parts of an arc-lamp circuit; the arc lamp's operation, construction, regulation, trimming; care of arc lamps, use of arc lamps and installation; lighting arresters; "Fire Underwriters."

Practice work for first year students; assisting on repair jobs, testing out phone lines, putting up transmission and street lighting lines; bell annunciator wiring, care of street lights.

Industrial classes and mechanical drawing during the year.

### Second Year

First Quarter. A short review of first year's work; fundamental principles of the dynamo; effect of a moving conductor or coil in a magnetic field; principal parts of a dynamo and the function of each; communication; ring winding; drum windings; two pole machines; four pole machines; the E. M. F. equations; methods of excitation and characteristic curves for each taken from the machines themselves; calculation of efficiencies of the alternators and the exciters.

Second Quarter. The direct current motor; shunt motors compared with the generator; contrast in use; conversion of one into the other; characteristics; the same consideration for series and com-

pound motors; counter E. M. F.; armature reaction; open coil winding.

Third Quarter. Series arc circuits; series arc lighting; series incandescent lighting from series machines; series and incandescent lighting from constant potential mains; constant current transformer; testing candle power of incandescent lamps; finding smashing point; system of distribution; 2-wire, 3-wire, and 5-wire; direct current switchboards; direct current switchboard apparatus; study of the ammeter, voltmeter, wattmeter, circuit breakers.

Practice. Interior wiring, including open, conduit, cleat, molding, knob and tube; putting up electric fixtures; putting up line work; assisting in the operation of the plant.

### Third Year

First Quarter. The fundamental principles of alternating currents; the sine curve and why used; flow of alternating currents through impedance, the alternating current generators; the revolving armature simple separately excited type; the composite wound type; the revolving field; type characteristic curves of each; insulation; tests of all parts of each type; tracing out connections and drawing the same.

Second Quarter. Generation of the E. M. F. curve; potential transformer; construction; insulation; theory of operation; efficiency; operation in series and parallel; insulation tests; series transformer; principles of operation; use; ground detectors, ammeters; voltmeters; K. W. H. meters; circuit breakers.

Third Quarter. Alternators in parallel; synchronism; synchronous single-phase motors from single-phase alternators; induction-motors; operation; characteristics; alternating current transmission lines.

Practice. Operation and care of electric lighting plant; testing machines and transformers; new installation; installing large jobs; installation and care of K. W. H. meters; night repairing and continued practice in work of the first two years.

### FOUNDING

The Foundry is equipped with a 23-inch Colliau cupola having a melting capacity of about one and one-quarter tons per hour. The cupola receives a strong air blast from a No. 3 Sturtevant steel pressure blower driven by a seven-horse-power steam engine. The engine was designed and built by the students in the Foundry and the Machine Divisions. A great variety of shop work, including the making of sash weights, grate bars, ventilators, fire-dogs, stove castings, also machine castings, is done, giving the student an excellent opportunity to do practical work. The course of study follows:



### First Year

**First Quarter.** The names and uses of molder's tools, how to cut and temper sand for molding; methods of cleaning castings.

**Second Quarter.** Ramming drags; lifting and closing flasks; weighing and making charges for melting.

**Third Quarter.** Putting up molds; giving the use of the champing-bar; the names and uses of the different kinds of facings used in the foundry; venting; sponging; drawing patterns; gate cutting.

Industrial classes and mechanical drawing during the year.

### Second Year

**First Quarter.** Advanced work in molding, such as pump and engine castings; stove plate moldings; fancy return work; designing; executing original designs.

**Second Quarter.** Management of a cupola furnace such as lining the cupola, repairing the lining, putting in sand bottom, starting fires and making up charges for different classes of castings; the advantage of the safety tuyere; practice in tapping out and stopping in for pouring off.

**Third Quarter.** Core-making; review of work of previous quarter.

Mechanical drawing and industrial classes during the year.

## TAILORING DIVISION

Located on the second floor of the Trades Building, the Tailoring Division occupies a room 37x56 feet. Ample light is provided by windows on three sides of the room.

A large number of the uniforms worn by the students are made in this division, as are also overalls, citizen suits of different styles and finish, and overcoats. The course of study covers thorough training in repairing. The variety of work in making new garments and in repairing permits arranging and carrying out a course of study which equips a student for such work as is met in commercial life. The course of study follows:

### First Year

**First Quarter.** Care of shop and tools; position on tailor's board, practice in use of needle and thimble in overcasting, felling and back-stitching, button holes; machine sewing.

**Second Quarter.** Studying and classifying materials; practice in making flies, waistbands, straps, flaps for pockets, pockets, from drafts.

**Third Quarter.** Review; cutting and fitting linings; spacing button and button holes; applications of measurements used in making trousers; joining and finishing uniform trousers; use of drafts contin-

ued. Students are required to make six pairs of trousers to show proficiency.

Industrial classes and mechanical drawing during the year.

### **Second Year**

First Quarter. Review; studying different parts of the vest; making various pockets, collars and facings; working from drafts.

Second Quarter. Vest making continued; making backs and fore-parts; joining and finishing vests. Students are required to make four vests to show proficiency. Studying various parts of a coat; cutting and making canvas; making collars and sleeves; working from drafts.

Third Quarter. Making facings, fore-parts, edges, joining back seam, basting linings, finishing shoulders, collars, sleeves, etc., working from drafts. Students are required to make six uniform coats to show proficiency.

Industrial classes and mechanical drawing during the year.

### **Third Year**

First Quarter. Review of first and second years' work; studying changes that affect work in citizen garment making.

Second Quarter. Work on ordinary citizen garments continued; studying grades of materials, estimates of cost and quality of materials; working from drafts.

Third Quarter. Study of harmony in colors; drapery in garments; measuring and drafting the garments studied. Students are required to make four citizen coats to show proficiency.

Industrial classes and mechanical drawing during the year.

### **PRINTING**

The Printing Division is conveniently located in two rooms, on the first floor of the Boys' Trades Building, one 37x56 feet and the other 36x61 feet. It is equipped with a two-revolution high-speed, improved No. 9 Optimus press; a two-revolution front-fly delivery, Campbell book press; one 13x20 Colt's Armory press; one 10x15 Golding Jobber; two Chandler and Price platen presses, one 8x12, and one 14x20; one 38-inch Brown & Carver automatic paper cutter; one Brown folding machine; one Monitor stitching machine; one Brown stitching machine; one dry rack; one Monitor perforating machine; a round-cornering and punching machine; a mitering and cutting machine; job type body type, and such other apparatus as is necessary to give the students a thorough working knowledge of the art. There are printed newspapers, a magazine, bulletins, pamphlets, and other publications in the interest of the school, in addition to a large amount of commercial work.

The course of study embraces instruction in general mercantile, newspaper and book printing. The appearance of each job is given critical attention and the principles which apply to good display are fully discussed. All jobs are diagrammed and presented before type-setting is begun.

To enter this division, a student must be able to read manuscript and to spell. He must also have a fair knowledge of punctuation.

### **First Year**

First Quarter. Cleaning and oiling machinery; treatment of printing rollers; making proofs; stitching books; padding.

Second Quarter. Feeding platen presses; capitalization and punctuation; lay of cases; spacing and justification; point system.

Third Quarter. Hand composition; proof marks; component parts of platen presses and stitching machines; review of term's work.

Industrial classes and mechanical drawing during the year.

### **Second Year**

First Quarter. Making ready on platen presses; feeding cylinder presses; acquiring speed in composition; measuring type; making up newspaper forms; tabular composition.

Second Quarter. Kinds and sizes of paper; cutting stock; trimming books; learning component parts of cutting machine; simple job composition; color harmony.

Third Quarter. Imposition of book forms; various forms of newspaper and book composition; making ready on cylinder presses; review of term's work.

Industrial classes and mechanical drawing during the year.

### **Third Year**

First Quarter. Component parts of cylinder presses; tests for maximum speed in type-setting; typographical designing; history and association of type faces.

Second Quarter. Estimating and ordering material; job work in colors; general review in composition and imposition.

Third Quarter. Shop practice; system.

## **LINOTYPE OPERATING**

This course covers one year, and is designed to supplement the regular course in printing, or is offered to persons who wish to become expert Linotype machinists and operators, taking care of the adjustments and repairs which usually arise in such work.

The equipment consists of two Mergenthaler Linotype machines—one model No. 1, and one model No. 8, triple-magazine, quick-change.

The course is as follows:



**First Quarter.** Care of metal; cleaning spacebands; cleaning (not oiling) the machine; theory and practice in machine adjustments.

**Second Quarter.** The mechanism of the keyboard and its connections to the magazine and spaceband box; keyboard assembling; theory and practice in machine adjustments.

**Third Quarter.** Oiling; general machine troubles—how to avoid and how to adjust; general principles of the Linotype machine; taking down and erecting machines. Lectures on various models of the Linotype machine.

Operating is taken up at the beginning and practiced throughout the course.

## **BRICKMAKING**

This Division is located about a half mile from the center of the Institute grounds. All of the bricks used on the school grounds and most of those used in the surrounding community are made in this Division. The machines installed are one No. 8 Brewer brick machine with the necessary pug mill, clay crusher, clay elevator, steam boiler and engines. The daily capacity is 20,000 bricks.

The brickmaking is carried on largely in the summer, and instruction is given mostly at this time. The course of study follows:

### **First Year**

**First Quarter.** Care of yard; names of tools and machines used in making bricks; methods of handling clay; preparation of clay; bedding and tempering clay.

**Second Quarter.** Disintegrating and pugging; methods of handling green brick; platting, casing and dubbing kilns.

**Third Quarter.** Review; classification of clays; testing clay for bricks; handling and drying green bricks.

Industrial classes during each quarter.

### **Second Year**

**First Quarter.** Care of machines; material for burning bricks; filling and closing kilns.

**Second Quarter.** Setting bricks; burning kilns; management of yard.

**Third Quarter.** Composition and analysis of clay; distribution of clay; burning kilns.

Industrial classes during each quarter.

### **Third Year**

Preparing different kinds of kilns; location and the arrangement of the yard; installation of the machines; review.

Industrial classes during the year.

## DEPARTMENT OF WOMEN'S INDUSTRIES

For purposes of greater convenience and efficiency, the Department of Industries has been divided. The industries for young men and those for young women are in charge of separate Directors.

### DOROTHY HALL

Dorothy Hall, the Girls' Industrial Building, is a substantial structure fronting the Slater-Armstrong Memorial Trades Building. It is 120 feet by 144 feet in its greatest dimensions. In plan, it is in the shape of the letter "H," the front or central part facing the west. The south wing of the building and the central part are two stories high. The north wing is three stories high. The basement story contains four rooms. These rooms are used for assorting clothes and storing material belonging to the laundry. Here also is the laundry machinery and the tubs for hand washing.

The first story contains eight large rooms in addition to smaller rooms, used as an office, waiting room, etc. The rooms in the south wing, four in number, are used for the Dressmaking, Ladies' Tailoring, Millinery and Plain Sewing industries. Those in the north wing are for laundry purposes, two of which are ironing rooms, and two others are used for assorting and distributing clothes. In the ironing rooms are installed ironing machinery and boards for hand work. Connecting these two wings are smaller rooms for a waiting room, office, etc.

Friends have given \$13,000 for a new Laundry Building, and it is now in process of erection. It will have modern conveniences and will be a welcome addition to the school's present plant.

The second story contains eight large rooms. Four of these are in the south wing and are used for cooking, for dining room service, and for class rooms. The north wing contains four large rooms which are used for training students in nursing and child nurture; for mattressmaking and upholstery, and for the drying of clothes. The two rooms which are used as drying rooms are fitted up with steam drying racks. Between these two wings are smaller rooms which include a kitchen, dining room, bed room and sitting room, for teaching home keeping.

The building is well supplied with clothes closets, toilet arrangement, pantries, etc., and provided with wide halls and ample stairways. It is built of brick with wood trimmings, the roof being cover-

ed with tin. The interior finish is of hard pine, painted. Electricity is used for lighting. The building was largely constructed by student labor.

### PLAIN SEWING

Girls who know practically nothing of needle work are admitted to this division. After completing the course they are promoted to the Dressmaking Division.

First Year. Threading needle and the use of thimble, basting, overhanding, stitching, overcasting, gathering, putting in gussets, herring-bone stitching on flannels, hemstitching, tucking, and whipping ruffles, chain stitching, feather stitching, making button holes and eyelets; darning on cashmere, slip and blind stitching, mending, darning, patching. Sample book begun, showing specimen stitches.

Second Year. Names of sewing machines and parts, attachments, uses, how to clean, oil and operate the machine; machine stitches; choice of material; cutting and making men's underwear, also white and negligee shirts, taking measures, cutting white shirts by measure; cutting, basting, stitching and trimming underwear; cutting and making plain cotton dresses. Sample book completed.

NOTE.—This course is intended for hand-sewing, giving practice in all kinds of stitches on suitable material. Theory class in the sewing room, Wednesdays and Thursdays from 10:45 to 11:45 a. m., and 2 to 3 p. m.

### DRESSMAKING

This is one of the most important industrial divisions for girls. The room is fitted with tables for drafting, tracing, and cutting, and with sewing machines, dress forms, mirrors, books of modes, and showcases for finished work.

Applicants must have completed the course in Plain Sewing, or must pass an examination to prove their knowledge of hand and machine sewing, and their ability to make simple garments, in order to secure admission to this division.

Course of Study. First Year. Measurements according to the Vienna Tailoring System; choice of material; drafting and cutting foundation and outline skirt measurements; making, hanging, facing and trimming skirts; talks on form, line and proportion in relation to drafting and trimming; drafting, cutting and fitting, and general finish of plain basques.

Second Year. Drafting waists, sleeves and accessories to waists from measurement; drafting waists with extra seams for stout figures; cutting and fitting close and double-breasted garments; fitting and matching stripes, plaid and figured waists and skirts; talks on form, including artistic and hygienic principles of dress, on colors and textiles, as applied to dress; advanced work in making complete



dresses from different materials. Much time is devoted to practical work.

Third Year. Cutting, fitting and pressing; practice in the use of colors; talks on manufacture of cloth; drafting jackets of different styles, making various styles of collars and pockets; lining and finishing pockets; drafting garments of every kind; making and finishing garments of various kinds from different materials. Theory classes, Wednesdays and Thursdays from 10:45 to 11:45 a. m., and from 2 to 3 p. m.

NOTE.—Night School students are not admitted to this division.

### LADIES' TAILORING DIVISION

This division is designed to teach tailoring and advanced dress-making. Tailor-made suits, designing and costuming are specialties of this division. Post-graduates only and young women completing the dressmaking course are admitted to this division.

### MILLINERY

Applicants must be able to do neat hand sewing. Pupils are required to complete satisfactorily the first course, or to pass an equivalent examination before entering the advanced class. Night School students are not admitted to this division.

Regular Fall, Winter, and Spring openings are held every year, and visitors are invited to inspect the work of students. Hats, bonnets and fancy articles are made to order for teachers, students and others.

In this division are two graded courses, each covering a term of four months.

First Course. Talks on color and textiles; instruction in choice of materials, wiring, folds, bindings, fitted facing, full facing, puffed edges, variety of bows; talks on the manufacture of felt and straw hats, and of ribbon, on form and line; principles applied to a hat of choice, materials, drawing pencil practice, cylindrical objects, untrimmed hats, drapery, bows.

Second Course. Instruction in the use of color, form and line; plain bonnets covered, trimmed and lined; talks on manufacture of crepe and the growth and manufacture of silk; crepe bonnets, silk hat- or bonnet-making, toque- and turban-making; drawing trimmed hats and bonnets; notes on form and color; practice in use of combination of colors.

Review of Courses. Practice teaching by advanced pupils. Theory classes, Wednesdays and Thursdays, from 10:45 to 11:45 a. m., and 2 to 3 p. m.

### COOKING

The Division of Cooking uses two kitchens, three dining rooms, a

sitting room, a bed room and bath room properly fitted. Constant practice is afforded all of the young women in the care of these rooms. During the past year five hundred girls have received training in this division. The Institute insists that every girl shall receive instructions in Cooking. Special stress is laid upon cooking plain, ordinary food. The course of instruction extends over four years and is as follows:

### **Preparatory Course**

Measuring, fuels, care and adjustment of wood, coal, oil, alcohol, and gasoline stoves; cleaning of kitchen utensils, etc.; care of materials which come from market; study of cereals, corn, rice, Italian pastes—macaroni, spaghetti, etc.—their origin, climate, composition, food value, cooking; personal cleanliness, cleaning kitchen, pantries, closets; drawing of animals, their uses, products of each, how preserved, food value; study of fish, food value, composition; study of eggs, food value, composition; household cleaning—each room separately, refrigerators, sinks, etc.; treatment of insects; care of table linen; breads without yeast; corn bread, biscuits, muffins, pan cakes; vegetables, food value, cookery.

### **Junior Course**

Table setting; daily meals, special occasions; serving of daily meals, special occasions; care of glass, silver, china, brass; care of linen, marketing.

In this connection the girls, under the supervision of a teacher, receive instruction in marketing wisely and economically, at the Creamery, Poultry Yard, Truck Garden, Meat Market, and Grocery.

### **B Middle Course**

Serving: daily meals, special occasions; special practice work in Teachers' Home under competent teachers; breads: with yeast, without yeast; vegetables: with meat, without meat; meats: boiling, steaming, boiling, roasting, frying; salads; souffles; puddings, candies; desserts; frozen sweets.

### **A Middle Course**

Care, uses and management of stoves, gasoline, oil, alcohol, chafing dish. Table setting for special occasions; serving meals for special occasions; planning menus; estimating cost; breads; pastries; soups; batters; simple cakes.

### **Senior Course**

Table service, study, planning and cooking of breakfasts, lunches, dinners, suppers, various methods of preparation and garnishing. Food production and manufacture; more advanced study of cereals, flours, fruits, vegetables, meats, dairy products, etc.

### Post-graduate Course

Theory and practice of teaching Domestic Science; lesson plans, course of study, class-room management, equipment, practice teaching, etc.

There is set aside in the Division of Cooking a "Practice Kitchen and Dining Room" in which young women desiring to be cooking teachers, professional caterers, etc., may receive special training for their work.

A limited number of young women are admitted to this course each year.

### COURSE OF STUDY FOR HOUSEKEEPERS

#### A Model Home and Surroundings

1. The House: Location, architecture, apartments, furnishings, decorations, exterior and interior.

2. The Yard: Walks, plants, flowers, shrubbery, fountains and lakes.

3. Qualifications of a Good Housekeeper: Industry, cleanliness, health, appreciation of the beautiful, cheerfulness and general intelligence.

Housekeeper's Attire: Dress, aprons, cap, sleeve protectors, shoes, etc.

4. Old and New Methods Used in Household Economy.

5. Substances and Implements Used in Household Work: Materials made in factories. Materials made at home.

Contents of: Housekeeper's closet and cabinet.

6. Study of: Soap, soap powder, sapolio, lye, bon ami, soda, lime, benzine, varnish, paint, starch, bluing.

7. General Care of: Rooms, hallways, closets, etc., sweeping, washing, dusting and beautifying.

8. Proper and Improper Methods of: Sweeping, dusting, washing, oiling, mopping or scouring and polishing.

9. Porches: Furniture and plants.

10. Case of Contaminated Room and Materials: Carbolicizing and disinfecting, fumigating, etc. Methods and materials used in disinfecting. Precautions to be used.

11. Vermin: Precautions against becoming infected with them. Materials used in destroying them, i. e., Roaches, bed-bugs mosquitoes, mice, etc.

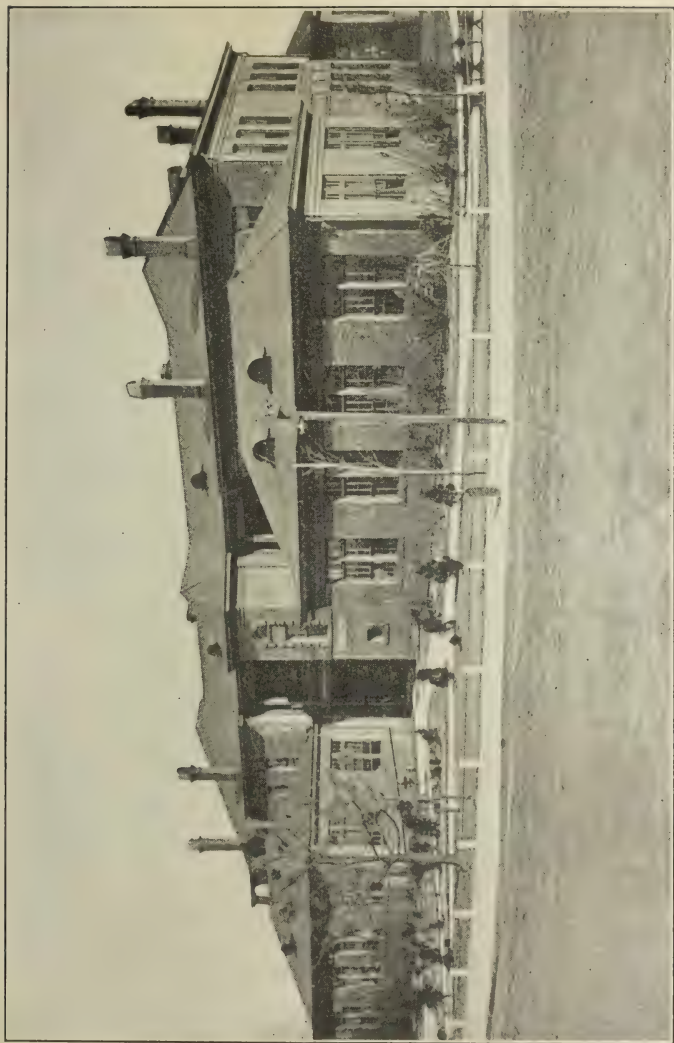
12. Care of: Leather furniture, plush furniture, rattan furniture.

13. Wall Paper: Are papered walls desirable?

14. Carpet and Rugs: Sweeping, renovating, repairing, pressing, etc.

15. Bed Linen: Laundering, ironing, repairing, marking. How





Dorothy Hall: Girls' Trades Building



to repair an old sheet. Care of bed spreads. Laundry lists, baskets, bags, etc.

16. Lamps: Cleaning, filling, wicks, burners, etc., varieties of lamps. Care in use of lamps.

17. Electrical Fixtures: Care of, precaution against abuse, waste and danger.

18. Special Care of: Wood work, furniture, painted and oiled floors. Covering for floors. Drapery for windows.

19. The Bed Room: Necessary furnishings. Vacuum Cleaners. Sweeping and dusting. Carpet sweepers. How and when to make a bed. Care of bed, mattress, pillows, etc. Care of wood work and glass. Arrangement of furniture, with reference to drafts. How to prevent too much sunlight in a room. Adornment. How to ventilate. Special devices for ventilation. Cleaning windows. Cleaning mirrors.

20. Bath Rooms, Toilets, Etc.: Cleaning the porches, porcelain ware. Cleaning brass fixtures. Cleaning flush bowls. Cleaning material, disinfectants. Ventilation.

21. Sitting Rooms and Parlors: Suitable furniture, hallways. Suitable ornaments. Use of Parlor. Why some parlors and sitting rooms are not attractive and comfortable.

22. Guest Chamber: Furnishings. Care of guests.

23. Windows. Care of windows. Care of Window shades. care of window curtains. Material and style of curtains. Care of window blinds.

24. Care of: Mattresses, mattress pads, pillows, comforters, blankets, ticks, etc., brooms, brushes, whisk brooms, dust pans, fire buckets, door mats. Fire places, stoves, grates, radiators, oil stoves. Dainty materials: Curtains, tidies, scarfs, colored fabrics, silk fabrics. Gilt materials: Silver ware, brass, marble, plaster casts, leather, glass, porcelain, tin, etc.

25. Pictures: Selection of good pictures. Care of pictures. Hanging, as to light and ease of view, appropriate pictures for various rooms.

## LAUNDRY

Young women are taught the art of washing and ironing according to improved methods; five washers, two extractors, a mangle, and a starcher help to lighten the work of the division. Drying rooms and ironing rooms provided with excellent facilities afford means for thorough teaching. All of the laundry work of teachers and students, including washing of bed and table linen, is done in this division. The course covers one school year as follows:

Water: (a) definition, (b) kinds, (c) uses; soaps: alkalies; irons:



(a) kinds, (b) uses; washing: (a) preparation, (b) how to wash flannels, linens, prints; drying; preparation for ironing; miscellaneous work: laundering laces, silks, etc.; receipts for making soap, bleach, removing stains; practice work; studies in chemical analysis of bluing: kind; starch: varieties; acids: kinds, uses; preservers of color in fabrics; machinery: use, care. Theory classes, Wednesdays and Thursdays from 10:45 to 11:45 a. m.

### SOAPMAKING

Facilities for Soapmaking have been added to the Laundry Division. Combined with the course in laundering is the making of various kinds of soap for toilet and other purposes. Theory classes, Wednesday, 10:45 to 11:45 a. m.

### DOMESTIC TRAINING OF GIRLS

It is the policy of the Institute to give special attention to the training of girls in all matters pertaining to dress, health etiquette, physical culture and general housekeeping. The girls are constantly under the strict and watchful care of the Dean of the Woman's Department, the Director of Women's Industries, and the lady teachers. Special rules governing the conduct of the girls are made known to them upon arrival. In addition to the general training, they receive practical talks from various members of the faculty on such matters as relate to the care of the body, social purity, etc.

### PRACTICE COTTAGE

In order to give the girls practical demonstration in home-keeping and to develop their sense of responsibility, a five-room cottage called "Practice Cottage" is set aside, in which the Senior girls keep house. The class is divided into sections of five girls each, who live in the cottage, having entire charge of themselves and the house, doing all of the work pertaining to housekeeping, from the Monday's washing to the Saturday's preparations for Sunday. They are charged with the responsibility of purchasing the food supplies, being allowed a sufficient amount of money to cover cost of the same, including fuel and light, and are required to make accurate weekly statements of all expenditures of the home.

### MATTRESSMAKING

The work in this division begins with a series of systematic graded exercises. The theory of caning and upholstering is taught by talks or by assigned reading. The course covers two years.

First Year. Repairing, covering, cutting, preparing materials for mattresses, making comforts, making mattresses and pillows; cording

boxes, beginning chair caning on frames; drawing individual patterns for chair bottoms designed from studies, estimates of cost of different materials used for window seats in upholstering; measurements, cutting and making.

Second Year. Studies in designing for caning and making chairs, practice work; upholstering box couches, hassocks, window seats; test work in designing and making articles manufactured in this division. Written reports on the past work, with special reference to present practice.

### BASKETRY

The course covers four years, and is intended to teach weaving and twisting native grasses—the palm, pine needles, twigs, etc.—into beautiful and useful forms. It fills the need of a practical and profitable home industry.

First Year. Material, native; gathering and preparation; study of form and combinations; twisting, sewing, knotting, etc.; practice in simple forms.

Second Year. Work in raffia, reed and splint work in native material continued; combination of forms; practice work in type forms; combination of materials; study of ancient and mediaeval designs; theory of basketry; individual designs from nature, scroll and decorative work.

Third Year. Indian and African basketry; belts, beadwork fobs, chains, review of forms and designs; decorative art; combination of colors; harmony in materials by constructive work; comparison of ancient and modern basketry; combination of these forms; constructive art developed; practice teaching; practical work in making and repairing cotton baskets, hampers; beadwork continued.

Fourth Year. Review of the three years' work; practical teaching.

NOTE.—Day school students only are admitted to this division.

### BROOMMAKING

Broommaking, connected with basketry for girls, is an industry recently introduced. It covers a course of one year. Practice is given in use of machinery, in cleaning and dyeing brooms raw, assorting stalks, sizing, wiring, stitching and manufacturing brooms of all sizes.

Theory classes are held Wednesdays and Thursdays from 10:45 to 11:45 a. m., and 2 to 3 p. m.

### POST-GRADUATE COURSES

Candidates for these courses must have previously received the

preceding courses as prescribed in this catalogue, or they must satisfy the director that they possess equivalent attainments.

### Sewing

1. Costume designing: (a) sketching; (b) studying the human form; (c) designing gowns. 2. Art needle work. Varieties of stitchery.

### Millinery

Drawing; water-color designs; designing drapery bows, hats, outline and proportion of human head; adaptation of different styles to the face; designing of hats.

### Cooking

Laboratory work, composition of foods, analysis; critical study of twelve typical foods, food economics.

## CHILD NURSING AND NURTURE

In 1908 the first attempt was made to complete the course of instruction in home and household duties by the addition of a course in "child nursing and nurture." The work in this department is connected, on the one hand, with the work of the Hospital Training School, and on the other, with that of the school Kindergarten. The Institute thus has peculiar opportunities for young women to become intelligent in the care of children. A large room has been set apart in Dorothy Hall and equipped with all the furnishings of a nursery. Among other things, the room has been provided with the beginnings of a children's library where students have an opportunity to become acquainted with some of the best literature for children. The head nurse at the Hospital, the Dean of the Woman's Department, who is herself a trained nurse, and the teacher of the Kindergarten, upon alternate days of the week, give all the girls of the school, instructions in subjects connected with the care and training of children. The work is carried on by means of talks and demonstrations which cover the following subjects:

### The Infant

Room: furnishings, temperature, size. Bath: time and frequency, things needed for giving and care to be exercised in giving baths, special baths, powders and lotions. Care of eyes and mouth. Wardrobe: caps, dresses, undergarments, wraps, gloves, etc. Clothing: style, texture, length and size, etc. Bed: furnishing basket equipment, etc. Training: regularity in feeding, time for sleep, bowel movements, etc.



### Care of Children

**Food:** natural and artificial, quantity to be given, care of vessels used in preparing and giving nourishment. **Exercise:** out of doors, in the nursery, treatment of the physical disorders, the teething period and its ills, how to treat the fears of infants, selection of the cart and carriage; the nurse and her qualifications. **How to care for simple injuries and ordinary childhood diseases;** teaching the child to walk and speak correctly; the evils of teaching the child to stand or walk too soon; the disadvantages of teaching so-called "baby-talk."

### The Older Child

**The Nursery:** furnishings, location, heating, lighting, size, etc. **Baths:** care of teeth, eyes, nails, and clothing. **Food:** proper and improper. **Sleep:** exercise, in the nursery, out of doors. **Amusements:** stories, songs, games, pets, toys, playmates, etc. **Care of children when bad, when afraid;** improper requirements, etc. **School age:** dress, food, amount of study, exercise in doors and out of doors, sleep required.

### OUTSIDE INDUSTRIES FOR GIRLS

This course is designed for the A Middle and Senior Classes of girls. The aim of this course is to better equip teachers to meet the demands of the Jeanes Fund Board regulations.

The course covers a period of two years and is based upon Bailey's text-book on Garden Making.

A theory lesson will be given once a week, supplemented by practical work.

#### First Year

**Vegetable Gardening.** This includes the study and lay out of the vegetable garden; the use of glass in hot beds, cold frames and forcing hills, the soil, its treatment and fertilization; tools in vegetable gardening; seeds and seeding; irrigation, double cropping, transplanting, weeds, insects and fungi, packing, storing, and marketing vegetables, classification of vegetable crops, roots, tubers, bulbs, the cabbage and cauliflower class, herbs, as lettuce, celery, etc.; peas, tomatoes and peppers, cucumbers, squashes, melons, etc., sweet corn, sweet herbs, perennial crops, such as asparagus and pie plants.

Botany will be correlated with the special study of each plant named.

#### Second Year

**Ornamental Gardening.** This includes the study of the arrangement and the beautifying of the home grounds.

The following topics are studied: The plan of the place, the relation of the vegetable garden to the ornamental garden: the choice

of plants, trees and shrubs, their position; lawns, how made and cared for; hedges and hardy climbers, rural school grounds, method of transplanting native shrubs and trees, evergreens, bedding plants, roses and bulbous plants, the propagation of tender and hardy plants.

Fruit Garden: Its location, choice of variety, planting, fertilizing, pruning, spraying, methods of protecting from frost, diseases and insects.

# **BUSINESS AGENT'S DEPARTMENT**

The Business Agent's Department is charged with the duties of buying and selling for the Institute. He is also responsible for the conduct of the Boarding Department, the butchering and baking divisions. The course of study in each of these two divisions covers a period of two years.

## **BUTCHERING**

### **First Year**

First Quarter. The care of the slaughter house, the care and the use of tools.

Second Quarter. The study of different types of animals for slaughter; how they should be fed, etc., killing, dressing and dissecting.

Third Quarter. Treatment of meats and the general use of the offals; killing and dressing poultry; general review.

### **Second Year**

First Quarter. The care of the meat market; names, care of tools and utensils.

Second Quarter. Market arrangement and the care of refrigerator; dissecting the animal, how to get different cuts, etc., proper treatment of customers.

Third Quarter. Cutting meat to the best advantage; preservation of different meats; shop management; general review.

## **BAKING**

The course of study in baking is designed to afford full opportunity for instruction in this important industry.

### **Course of Study**

First Year. Care of shops, names of utensils, methods of firing and testing ovens, sponge setting, doughing, standard temperature of sponge and dough during fermentation; different stages of ripeness of sponge and dough; methods of delaying and quickening fermentation; baking sponge, dough, bread, rolls, buns, etc., the cause of sour bread, methods of proofing bread, buns and rolls before baking.

Second Year. Managing the oven, bench work, pie-making; flour testing, winter, spring and macaroni wheat flour, selection of flour; chemistry of baking, yeast and its methods of growing; neutralization of acids in bread-making; practice breads, cakes of various kinds and shapes; fillings and creams for cake; cake-decoration for window exhibition.



# HOSPITAL AND NURSE TRAINING SCHOOL

This Department was organized to meet an urgent necessity: that of caring for the physical well-being of the students, along with the academic and industrial training. The facilities here offered for nurse-training are excellent. Graduates from the training school are doing splendid work. Many have good positions in hospitals, other schools and private infirmaries throughout the South. With a new hospital, fully equipped and modern in every detail, the school is better prepared than ever before to give instruction in nurse training. The course of study covers three years, but is so arranged that some may complete it in two years. It follows:

**First Year.** Nursing; nurses, the sick room; hospital ward, hospital etiquette; beds and bed-making; bed sores; circulation; pulse; temperature; respiration; ventilation; warmth; the skin: baths; massage; urine; catheterization; enemata; observation of symptoms; medicines; administration; local applications; transfusion.

**Dietetics.** preparation of food for the sick; fluid diet; light diet; convalescent diet; special diet. Also preparation and serving of regular meals is taught by actual work.

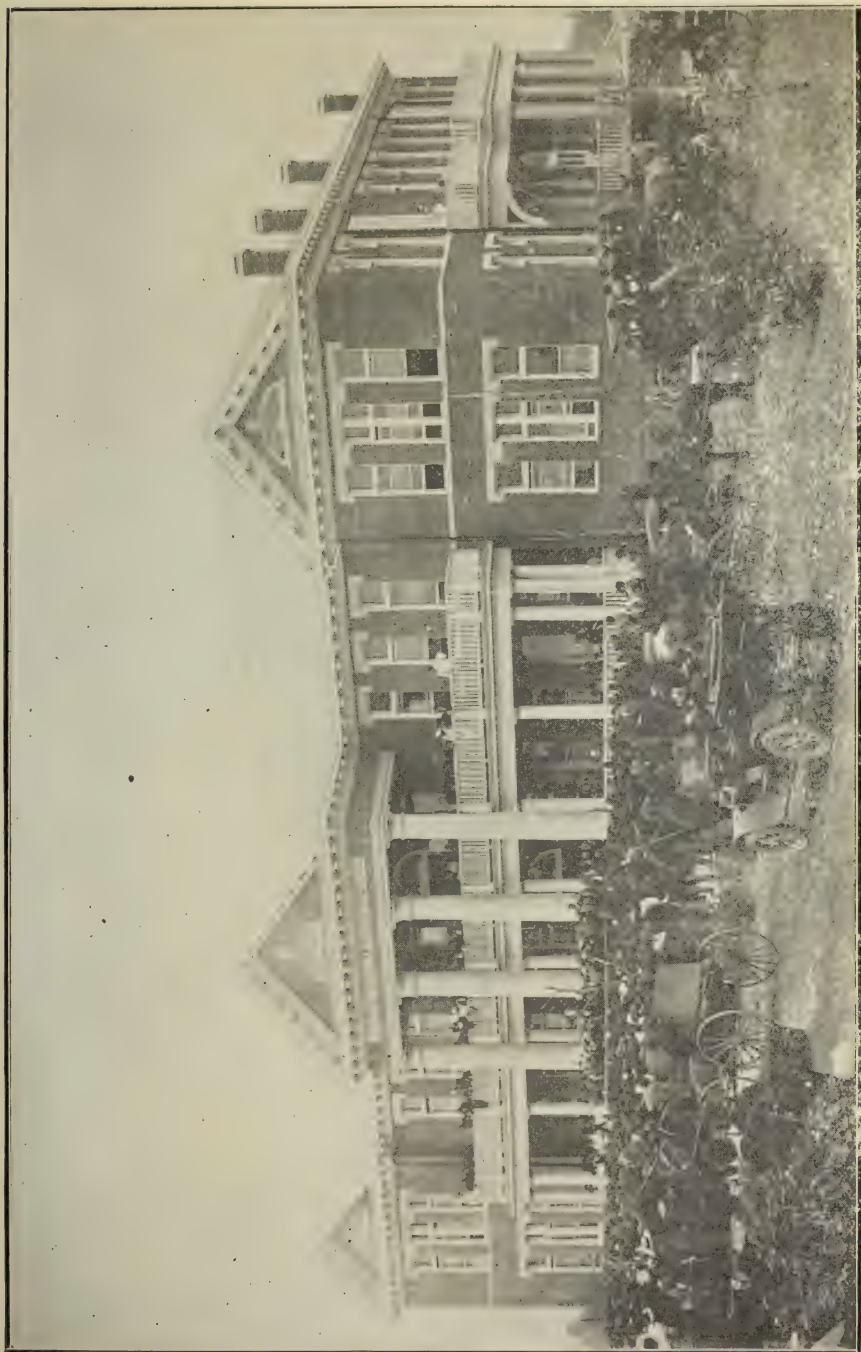
**Chemistry.** Eight lectures in inorganic chemistry, covering matter; its condition; the atomic and molecular theories; chemical nomenclatures; elements; metals; non-metals; alkaline metals and gases with the important compounds under each class and their application in medicine.

Eight lectures in organic chemistry, covering carbon and its allotropic modifications; hydro-carbons, emphasizing chiefly those used in medicine, and by the laity at large; carbohydrates, including glucoses, saccharoses, starches; chemistry of bread-making; souring of milk; fermentation and products of fermentation.

**Anatomy and Physiology.** Osteology; regions; cavities of the body and their contents; ligaments; muscles; circulatory system and nervous system.

**Physiology.** Digestive system; digestion; salivary glands; saliva; gastric, pancreatic and intestinal juices and their part in digestion; the skin and its appendages; respiratory system; the cell; structure of the cell; fundamental tissues of the body, and the five senses.

**Materia Medica and Therapeutics.** The six principal avenues of medication; classification of drugs; Materia Medica proper, including botanical origin, if any; therapeutic value, preparation, action,



The John A. Andrew Memorial Hospital





doses, and administration of drugs in common use; weights and measures, signs and abbreviations; poisons and their antidotes; water, internal and external use; baths, kinds; douches, kinds; fomentations; compresses; packs, hot, cold.

**Second Year.** Food and its administration; bones; fractures; dislocation; bandaging; contagion and disinfection; surgical nursing; operative cases; gynaecology; obstetrics; sick children; special medical cases; emergencies, surgical and medical; termination of disease.

**Massgae.** Terms used; procedures; mode of application; physiological effects; massage of special regions; therapeutic application. In connection with massage, nurses are taught to give electric light, shower and other baths; sprays of various kinds and mechanical as well as manual massage.

**Hygiene.** (a) Air: Its composition; respiration; CO<sub>2</sub>; the initial air space; (b) ventilation; necessity and methods of heating and lighting; (c) water; composition; what constitutes a good drinking water, source of water supply; source of contamination; diseases propagated by impure water; influence of water in animal economy; purification of water; soils; drainage; (d) disinfection; definition; sepsis; antisepsis; asepsis; deodorants; methods of disinfecting clothing, rooms, etc.

**Urinalysis.** Kidney; urine, normal and pathological; significance of albumen, sugar, etc.; practical demonstrations in laboratory.

**Bacteriology.** Bacteria, harmful and beneficial, development of; method of destruction; surgical bacteriology. Sterilization: methods used in hospital practice; how to prepare the hands and arms for operations; infectious diseases; description and identification of certain medical and surgical bacteria; inspection of slides and methods of preparation.

**Third Year.** Continuation of the theory of second year with the addition of nursing in families. Students are for a time put in charge of dressing and operating rooms and act as assistants to the head nurse; district nursing.

# DEPARTMENT OF LANDSCAPE GARDENING

Course I. A practical course covering a period of one year. In this course instruction is given the care of grounds, trees, shrubs, flower beds, lawns, etc. Transplanting of growth and the construction of lawns, walks, drives and drains. Text book—Bailey.

Course II. This course is designed for Post-Graduate students and Senior students in Agriculture. The work covers a period of two years.

## First Year

First and Second Quarters. The theory of Landscape Art. Text Book—Edward Kemp, with practical applications to specific problems.

Third Quarter. The care of trees, shrubs, etc. Text Book—B. C. Fernow. Supplemented with practical lessons in Tree Surgery.

## Second Year

First and Second Quarters. Landscape design. This includes the making of preliminary and detailed grading and planting plans of improvements now under construction in the near vicinity.

Third Quarter. Nursery work includes propagation and growing of ornamental and fruit trees, shrubs, vines and plants.

## HOME ORNAMENTATION

This course comprises twenty lessons for Senior students in agriculture, and post-graduate students in agriculture. The following are some of the topics treated:

Ornamenting new home grounds, preparation of land; trees; their planting and care; shrubs, hedges and hardy climbers, walks and drives; renovating and improving old homes, county roads, and roadside improvement; parks, public squares, school grounds, etc.; ornamental trees, hardy herbaceous plants, bedding plants, grasses and ferns, tree surgery and common enemies to tree life.

## FLORIST DIVISION

The Institute is provided with two modern greenhouses, one 22x75, and the other 23x38. Brick foundations extend three feet above the ground, on which are placed the glass superstructures, giving ample light. The roofs are provided with ventilators running the entire

lengths, working with hand cranks. The greenhouses are heated by steam and lighted with electricity. They give an excellent opportunity for students to learn the proper methods of growing plants and flowers. As the climate is mild a large number of plants and vegetables are grown in hotbeds and cold frames through the winter months. Students in this division are taught practically everything that is carried on in a commercial greenhouse establishment, such as bedding, potting and blooming plants for the house, cut flowers and designs for funeral work.

The course of study covering three years is planned to equip thoroughly in the practice and theory of greenhouse work. The following is the course of study:

### First Year

First Quarter. Soil; manner of preparing for potting different kinds of plants; lifting and potting plants from the open ground; propagating cuttings from plants outside; planting and care of flowering bulbs; care of the propagation bed and kind of sand to be used.

Second Quarter. Propagating hard and soft wood plants by cuttings, roots, and seeds; studying diseases and insects that attack plants; feeding and watering plants; sowing vegetable seed.

Third Quarter. Construction of hot beds and care of same; construction of cold frames; building and caring for lawns, walks and flower beds; planting and caring for young plants in the field; feeding and watering plants; transplanting vegetable plants.

Industrial classes during the year.

### Second Year

First Quarter. Preparation of soils; use of commercial fertilizers, propagating and trimmign shrubbery, growing chrysanthemums.

Second Quarter. Propagation, bedding and herbaceous plants; floral designs.

Third Quarter. Care of rose and carnation house; care of cut flowers; making floral designs; combination of colors and heights of plants in bedding.

Industrial classes during the year.

### Third Year

First Quarter. Care of chrysanthemums; greenhouse construction, heating of same; review of first and second years' work.

Second Quarter. Computing the number of plants required for definite spaces; care of cut flowers, including packing and shipping; greenhouse management.

Third Quarter. Care of palms, ferns and decorative plants; packing and shipping plants; making bills of material; greenhouse management.



## DEPARTMENT OF AGRICULTURE

The Department of Agriculture is divided into the following divisions:

Farm Crops; Truck Gardening; Fruit Growing; Care and Management of Horses and Mules; Dairy Husbandry; Dairying; Swine Raising, Beef Production and Slaughtering; Canning; Veterinary Science; Poultry; Farm Bookkeeping; Farm Engineering.

The demand for men trained in these divisions has become so great that for the past few years the school has given more attention to the development of these industries than perhaps to any other phase of its work.

The school farm consists of 2,400 acres: 1,000 acres of this land are under cultivation. In the Farm Crops Division it is the plan to raise all foodstuffs as nearly as possible for the 1,200 head of livestock owned by the school. The young men in this division get a splendid opportunity in general farming and in the use of improved farm implements and intensive methods.

Three or four crops are grown each year on our Truck Garden, in which there are thirty acres used in growing vegetables for the school and town. This division has realized from \$300 to \$400 an acre on some of its garden land. The Truck Garden operates two vegetable wagons.

Peaches, strawberries, grapes, plums, pears and figs are grown in the Fruit Growing Division. 120 acres are devoted to this kind of work.

The Division of Care and Management of Horses and Mules has 130 head of stock under its charge, which are used to do the work on the farm and the hauling for the school.

The Dairy Husbandry Division contains a herd of 130 head of cattle, which supply milk to the dairy. This is made into butter and cheese or sold as whole or skim milk to the Boarding Department of the school and to the town.

The Swine Raising Division of 450 Hogs supplies most of the hogs for the school, and at the same time offers training to students along these lines.

Through the beneficial gift of the Millbank Agricultural Hall this Department has been comfortably housed and centralized. This enables the boys to combine more closely the field and class-room work.

The Millbank Agricultural Hall has been located near the middle of the farm so as to be the real center of the agricultural life of the school.

The general plan is rectangular, being sixty feet wide by one hundred and twenty feet long. It is three stories high. The principal side of the building faces south.

The first story contains three large rooms. The room on the north side, nineteen feet wide and the full length of the building, is used for creamery purposes. It is fitted up with both hand and power machinery of the most modern type. On the south side is a hog-cholera serum laboratory. This room is nineteen feet wide by fifty feet. On the same side is a class room, nineteen feet by forty, for studying livestock. This room is fitted up with raised seats so as to give every student a good view of the animal studied. Separating the dairy from the other two rooms is a driveway eleven feet wide.

The second floor contains the laboratories, museum, two class rooms, and offices for instructors.

The third floor contains an assembly room with a seating capacity of three hundred and nine class rooms.

Wide stairways give easy and convenient passage from one story to the other. Externally, the building is constructed of brick with stone trimmings. The roof is covered with slate. The interior trimming is of southern pine, finished in the natural wood. The walls are plastered. It is lighted by electricity and heated by steam.

Architecturally, the building is very pleasing, and adds distinctly to this portion of the grounds.

## **COURSE OF STUDY FOR STUDENTS OF THE AGRICULTURAL DEPARTMENT**

(For subjects other than Agricultural, see Academic Course.)

### **Junior Year**

**Agriculture:** Soils, Manures, Drainage, Field and Laboratory practice. Insects, one-third year. Reading; Grammar; Arithmetic; Concrete Geometry; Writing and Drawing; Geography; Physical Training; Writing.

### **B Middle Year**

**Agricultural:** Farm Crops, Garden Crops, Orchard Crops, Field and Laboratory practice. Agricultural Botany. Reading; Arithmetic; Hygiene (half year); American History; Physical Training; Writing.

### **A Middle Year**

**Agriculture:** Breeds and Breeding, Feeds and Feeding. Veterinary Science. Reading; Algebra; Bookkeeping; Ancient History; Chemistry.

### **Senior Year**

**Required—Agriculture:** Agricultural Chemistry, Surveying,

Farm Management. English. Elective—Education\* Economics\* Modern History\* Geometry\* Chemistry\* Physics.\*

Those completing this course will be given a diploma.

\*One or more of these subjects must be selected.

### POST-GRADUATE COURSE IN AGRICULTURE

#### First Year

Agriculture: Agricultural chemistry; soils; livestock and breeding; fertilizers; seeds and seed testing; farm engineering. Bacteriology. Farm Management.

#### Second Year

Agriculture: Farm sanitation; field and laboratory practice; farm crops; feeds and feeding; dairying; plant breeding; poultry; farm insects; agricultural economics; research composition.

### COURSE IN AGRICULTURE

#### Junior Year

First Half. Soils in general and how to improve them; formation of soils; soils classified according to formation; agricultural classification of soil; relation of soil to water; preservation of soil moisture; methods of improving the soil by tillage; methods of plowing; prevention of surface washing; terracing; system of terraces. Manuring in general; when and how to apply manure; barnyard manure; and commercial fertilizer compared; kinds of manure.

Second Half. Fertilizers, general and special; fertilizers supplying nitrogen; fertilizer supplying potash; fertilizer supplying phosphoric acid. Drainage; kinds of drains; reasons for irrigation; sources for water; farm machinery; manipulating and running machines.

References: "Soils," by Brooks, Lyons and Flippin; Bulletins.

#### B Middle Year

First Half. Farm crops: corn, oats, cotton, potatoes, sugar cane, cow peas, wheat, vetch, sorghum, peanuts, rice; origin, history, distribution and uses of each; preparation of soils; fertilizers; cultivation; harvesting; rotation of farm crops.

Second Half. Garden crops; the use of cold frames and hot beds in the growing of garden crops; fertilizers; marketing of crops; storage of products. Orchard crops; propagation of fruit trees; grafting; budding; selection of site for an orchard; care of an orchard; pruning, study of fruit buds; plant feeding; fertilizer formulae; insects and insecticides. Canning. References: Bulletins and Current literature, "Farm Crops, by Hunt and Duggar, Farmers' Bulletins and Nursery Catalogues.



### A Middle Year

**First Half.** Domestic animals; study of the origin and characteristics of leading breeds of horses and cattle; swine; selecting and judging for specific purposes; care and management of horses, cattle and swine. The study of horses and mules, hogs and poultry, with regard to breeds, classes, utility.

**Second Half.** Breeding of livestock; heredity; diseases; fecundity and how affected; feeds and feeding of farm animals; influence of feed upon milk; rations for growing animals; ration for meat production; dairy products; milk, butter, cheese, testing of milk, butter-making, cheese-making.

References: "Livestock," by Brooks and Craig; "Dairying," by Wing.

### Senior Year—Agricultural Chemistry

**First Half.** General study of non-metallic elements present in air and soil; determination of water and ash in plants; organic compounds found in plants; analysis of foods, feeds, determination of crude fibre; study of food values. Chemistry of milk and milk products; chemistry of soils and manures; a calculation and study of fertilizer formulae.

**Second Half.** Chemistry of soils and fertilizers; analysis of soils and fertilizers with regard to their content of potash, phosphoric acid and nitrogen; relation of composition of soils to their crop-producing power; analysis of manures.

The last half of the term consists of a general application of chemistry to agricultural problems, special reference being given to income and outgo of the elements which determine the success or failure in crop production.

References: "Chemistry of Soils and Plants," by Snyder; "Agricultural Analysis," by Wiley; Lincoln and Walton's Analytical Chemistry.

The following courses are taught in each division in connection with the general course in agriculture:

### FARMING

**First Year.** Farm implements and how to use them; use, care and repair of improved farm machinery; soils and how to prepare them; manures and their uses; drilling grain; farm crops; how to plant, where to plant, tillage; cultivation; intensive and extensive farming; storing and keeping root crops; sweet potatoes, rutabagas, carrots, mangles, and parsnips; hotbeds, cold frames and their uses; how to market farm products on local markets and methods of shipping; farm bookkeeping.

**Second Year.** Fertilizers: mixing, kinds for different crops, fertilizers versus manures; rotation of crops, importance; farm ma-

chinery; harvesting and storing different crops; insects and diseases injurious to farm crops.

Reference: Duggar.

## TRUCK GARDEN

### First Year

First Half. Location of garden; planning the garden; plans for home and city gardens; study of trucking tools and their repairs; soils best adapted to gardening and trucking; manuring and fertilizing; value and care of barnyard manure; manures best adapted for trucking; uses of commercial fertilizers; seed bed; construction and uses of hot beds and cold frames; time and method of seeding in hot beds, cold frames and garden; seed testing.

Second Half. Transplanting; double cropping; irrigation; time and method of cultivating crops; time, method and care in harvesting crops; method of local and distant marketing of crops; storing; classification of vegetable crops.

### Second Year

First Half. Cold storage; drying and storing; digging and storing; packing; saving seeds; selection and care of seeds; utilization of catch crops; preparation of vegetables for home and market use.

Second Half. Insects, fungus and bacterial diseases injurious to garden crops; methods for the control of weeds; preparation and uses of insecticides and fungicides.

References: Principles of Vegetable Gardening, Bailey; Up-to-date Truck Growing in the South, Davis; Bulletins and Circulars.

## FRUIT GROWING

### First Year

First Half. The relation of fruit growing to horticulture and agriculture; the classification of fruits in general; the geography of fruit growing. The business side of fruit growing; influence of forests on fruit growing; selection of trees for planting; nursery practice; age of plants and trees before setting.

Second Half. Laying out of fruit farms; setting trees and plants; when to buy; tillage of fruit lands; texture and conservation of moisture; tools used.

Reference: Waugh and Bailey.

### Second Year

First Half. Cover crops; fertilizers; how plants feed; pruning; budding and grafting.



Girl Students at work in the Division of Truck-Gardening





## Second Year

**First Half.** Cover crops; fertilizers; how plants feed; pruning; budding and grafting. Care of fruit farm; cultivation; diseases of the orchard; vineyards and their treatment; methods of making and applying spray mixtures; insects of the orchard and methods of combating.

**Second Half.** Harvesting and marketing fruit; picking for canning and shipping; packing and grading; packing-house methods.

Reference: "Fruit Culture," by Thomas.

## CANNING

**First Year.** Selecting and preparing fruits and vegetables for canning; effect of quality on the canned product; methods of sealing jars and tin containers; making soldering fluids; methods of cooking and sterilizing fruits and vegetables; management of high-temperature boiling solutions for canning vegetables and meats.

**Second Year.** Making jams, jellies, preserves, and fruit butter; preparation of catsup; making vinegar and sauerkraut; study of fermentation; food values of canned products; methods and equipment suitable for home and small commercial canneries; market grades of canned goods.

During the summer vacation the institution operates a steam canning plant for the double purpose of preserving its own stock of fruit and for teaching the industry of canning to a class of students who remain at the school during the vacation. In an average fruit year about 5,000 gallons of fruit are put up by the plant. One-gallon tin cans are mostly used. Most of the fruit other than blackberries comes from the orchard of the school. Generally about 2,000 gallons of blackberries are canned. A building has been erected for this important work and is well appointed in every respect. Sweet potatoes and tomatoes are canned for shipping.

Students wishing to receive instruction in canning are required to make early application to the Registrar to be allowed to remain at the school during vacation.

## DAIRY HUSBANDRY

### First Year

**First Half.** Study of types of dairy animals and their uses; and cleaning of barn; score-card practice for students; milking; origin of domesticated cattle; dual-purpose cattle and minor dairy breeds.

**Second Half.** Feeding and grooming; raising of calves, judging, and feeding; starting herds and developing of dairy heifers; selection of individual cows; selection of herd bulls, and making reports. Managing of dairy cattle; soiling system; stable construction; common diseases of cows.

References: Craig and Shaw; Henry and Jordan; Eckels, "Dairy Cattle and Milk Production."

### Second Year

First Half. Study of farm buildings, (showing their location and arrangement of stalls, windows, etc.; construction of silos; study of feeding and classification of animals. A further study of feeds and feeding of dairy animals; classes of feeds; roughage and grasses; concentrate feeds; kinds of rations; principles of breeding; cross-breeding and in-breeding; sex; gestation; pedigree.

Second Half. Animal nutrition, digestion, assimilation and function of food nutrients; the tissues; study of diseases of farm and dairy animals; common ailments of calves and cows; disinfection; quarantine; parasites and treatment; poisonous and injurious feed-stuffs.

References: Henry and Armsby; Jordan and Shaw.

## CARE AND MANAGEMENT OF HORSES AND MULES

### First Year

First Half. Study of domestic animals; origin; history; types; care of harness and vehicles; hitching; emergency repair of harness and vehicles; size and care of stalls, bedding, cleaning, etc.

Second Half. Care and management of draft animals; feeding, grooming, housing, watering, driving; general care of all work animals; care of stallions in and out of season; care of brood mares and foals; care of colts.

### Second Year

First Half. Study of breeds for practical purposes; cross-breeding, in-breeding and line breeding for desired purposes; breeds best adapted to the South; breeding for larger mules; principles and practice of feeding work horses, brood mares, young stock; feeding rations; balance ration; nutritive ration; maintenance ration; feeding standards; practical methods of computing rations.

Second Half. Judging; common diseases of horses and mules; cause, symptoms, prevention and treatment; telling the age of horses; business side of stock raising; keeping of records and accounts as needed in livestock business; reading of pedigrees.

Reference: The Horse, Roberts; Judging Livestock, Craig; Current Literature.

## DAIRYING—OUTLINE OF TWO-YEAR COURSE

### First Year

First Half—Cleaning: Washing and sterilizing milk dishes; washing agents, proper utensils; general cleaning; disinfecting; drainage; septic tanks; sewage disposal. Elementary Milk Testing—Se-



cretion and composition of milk; the Babcock test for fat in whole milk; different kinds and care of testing apparatus; the Babcock test for fat in cream; computation. Elementary Milk Separating—Gravity and centrifugal; separating; the operation of the centrifugal separator and its adjustment; study of the various makes of separators; conditions affecting efficiency.

Second Half—Market Dairying. Preparing milk and cream for market; methods of wholesaling; methods of retailing; ferments of milk and cream; delivering milk and cream on milk routes; shipping milk, cream and butter. Elementary Butter Making—Composition of cream, butter and butter milk; making starters; ripening cream; operation and care of hand churns; churning, washing, salting, working and printing butter; testing butter for moisture; calculating over-run.

### Second Year

First Half—Advanced Milk Testing: Study of factors affecting accuracy of test; practicing in herd testing. Advanced Milk Separating—Study of factors affecting efficiency of separation; repair and upkeep of separators; practice and operation of hand turbine separators of different makes. Advanced Butter Making—Pasteurizing cream for butter making; operation and care of power churns; testing butter for fat and salt; study of factors affecting the over-run; scoring butter; marketing butter; storing butter, practice in butter making.

Second Half—Cheese Making. Care of milk and cream for cheese making; making various kinds of soft cheese; scoring; curing and marketing soft cheese; calculating yields. Dairy Mechanics—Care and operation of the steam boiler and engine; repairing and care of the dairy machinery; lacing belts, hanging shafting; calculating speed of pulleys; general creamery construction. Creamery Accounting—Review of dairy arithmetic; accounts for milk and cream patrons; recording tests; separating records; cheese making records; milk route checking systems; general creamery accounting. Creamery Management—Study of creamery problems and management; practice and management.

### POULTRY RAISING

#### First Year

First Half. How to start, which includes a discussion of the site, kinds of houses and runs, material for building, furniture, etc.; poultry in general, chickens, ducks, geese, turkeys, etc.; feeding for eggs, for meat, and for market; hatching and raising of chickens (Nature's method.)

Second Half. Selection of mothers, hatching nests, number and kinds of eggs to set under each hen, care of young chickens; kinds of

feed: stale bread and milk, oatmeal, grits, green foods, Johnny cake, charcoal, meat scraps, oyster shells, lime, grit, etc.; poultry diseases and their remedies; mites, lice and the most troublesome vermin, killing, dressing and preparing for market.

### Second Year

**First Half.** Artificial incubation; a study of the various types of incubators, location, setting up, heating and adjusting regulator, the kinds of eggs to put in, turning, testing to remove infertile eggs and dead germs.

**Second Half.** Supplying moisture, care during hatching period; when to remove the chicks; brooders and brooder houses; a study of the various kinds and their management.

### VETERINARY SCIENCE

**Skeletons.** Covering of bones; contents of bones; classes of bones; head bones, cervical or neck bones, dorsal or back bones, lumbar or small back bones, sacral or lump bones, coccygeal or tail bones, hip or pelvis bones, sternum or breast bones, ribs; number of bones in the skeleton of a horse.

**Joints.** Cartilage, ligaments, shoulder joints, elbow joints, carpus joints, fetlock joints, pastern joints, coffin joints, hip joints, stifle joints, hock and tarsus joints.

**The Muscular System.** Voluntary muscles, gluteal muscles, the abdominal muscles, coccygeal muscles, shoulder muscles, muscles of the front leg, muscles of the hind leg, involuntary muscles.

**The Circulatory System.** The organs of the circulatory system: the heart, the arteries, veins, capillaries; the blood; the course of the blood; how to tell when an artery is cut.

**The Lymphatic System.** Absorption of glands; lymph.

**The Digestive System.** Organs of the digestive system: salivary glands, gullet, esophagus, the stomach, the bowels.

**The Nervous System.** Brains, cranial nerves of feeling, hearing, seeing, smelling and tasting; spinal cord.

### Diseases and Treatment of Animals

**Questions to Ask and How to Examine a Sick Animal.** The history of the case; questions; time, action and cause; consideration of symptoms; the examination of pulse and temperature.

**Diseases of the Respiratory or Breathing Organs.** Simple catarrh or cold in the head; nasal sleet or chronic catarrh; abscess of the bones of the head; laryngitis or inflammation of the throat; chronic cough; roaring or spasm of the muscles of the larynx; bleeding from the nose; bleeding from the lungs; congestion of the lungs or pneumo-

nia; pleurisy; water in the chest; bronchitis; broken wind or heaves; spasm of the diaphragm; rupture of the diaphragm.

Diseases of the Circulatory System. The organs of the circulatory system: heart, arteries, veins, capillaries; the blood: course of the blood.

Diseases of the Lymphatic System. Absorption of the glands; lymph.

Diseases of the Digestive System. Organs of the digestive system: salivary glands, gullet, esophagus, stomach, the bowels; diseases of the muscles; diseases of the genital organs; foaling, difficulties met with in foaling; difficulties and diseases that follow foaling.

Medicines. Uses and actions of different medicines upon various parts of the system; writing and compounding prescriptions; making salves and liniments.

### AGRICULTURAL BOOKKEEPING

For the first time the school is offering a practical course in Farm Accounting. The course is designed to give the agricultural students a thorough training as to the business side of farming. While the subject of Farm Accounting is most deserving of the greatest attention, it has been, up until recently, the most neglected.

At the outset, the student assumes himself a practical farmer, and proceeds with the business side of the farm, the productive phase, also the exchange phase.

#### First Year

First Half. Farm records and business methods, farm bookkeeping; organization of a model farm from a financial point of view. Household and personal accounts.

Second Half. Cost finding and special records; cost of production—special cost records; labor records (human and animal); office methods; business organization, business correspondence and business forms; divisional accounting; Creamery accounting; Poultry accounting; Orchard records, etc.; plot and crop system.

#### Second Year

First Half. Rural law; general principles of statutory discussed and explained; special phases of law affecting the farm, such as titles to real estate, deeds, mortgages, county records, etc.; landlord and tenant, right of way; laws governing shipping, insurance, etc.

Second Half. Rural economics, the fundamental principles of production, distribution and exchange; with special consideration of rural life, rural labor problems; farm finance and problems affecting rural life in general.



**FARM ENGINEERING****First Year**

**First Half.** The importance of road building; laying out of road; prevention of washing; determination of grade drainage; construction of culverts; estimation on size; materials best suited for culvert construction.

**Second Half.** Simple methods of computing areas drained by culverts; bridges; construction; materials best suited for bridge construction; computing strength of timbers; road repairs; materials best suited for road repair.

**Second Year**

**First Half.** Use and care of surveying instruments; surveying with tape and chain; measuring and laying out of angles with tape and chain.

**Second Half.** Surveying and computing of irregular plats; platting; running levels with transit; making profiles; estimating on excavations; determining and fills.

Reference: Gilmore, Ives.

**SWINE RAISING—OUTLINE OF TWO-YEAR COURSE****First Year**

Study of types and breeds; judging; feeding and care of swine; selection of animals for specific purposes; keeping records.

**First Half.** Study of the different breeds and types; Duroc Jersey, Polan-China, Berkshire, Essec, Tanworth, Chester-White and Yorkshire; cleaning pens; use of whitewash, paints, insecticides, cinders and pine straw; score cards and the scoring of the hogs; origin of the domesticated hogs.

**Second Half.** Feeding and care of hogs; raising of pigs; starting of herds and development of service boars; selection of individual sows; selection of herd boars; keeping of records.

References: Plumb's Types and Breeds of Farm Animals.

**Second Year**

Curing of meats; study of pastures; study of feeds and feeding; study of common diseases and their prevention; preparing and use of hog cholera serum.

**First Half.** Housing of swine; location and construction of the house; materials best suited for their construction. A further study of feeds and feeding; classes of feeds, concentrates, and roughage; kinds of rations; principles of breeding: cross-breeding, in-breeding, gestation period.

Second Half. Detailed study of the different diseases, their causes, prevention and cure; preparation of hog cholera serum, the vaccination of hogs.

References: Sission, Plumb, Shaw.

### ELEMENTARY COURSE FOR ACADEMIC STUDENTS

The school has seen fit to make the subject of Elementary Agriculture compulsory with all academic students of the Junior Class. The course is as follows:

The plant; parts of plants; plant families; pollination; germination of seed; how plants feed; propagating and improving plants.

Formation and kinds of soil; soil moisture and its control; preparation and cultivation of soil; terracing and drainage; methods of improving soils; growing cotton and corn; rotation of crops.

How to plant flower and vegetable gardens; hot beds and cold frames; cultivation and harvesting garden crops; breeds of livestock; care and feeding of livestock; making of butter and cheese.

### POST-GRADUATE COURSE IN AGRICULTURE

#### First Year

First Quarter. A study of chemistry as applied to soils, fertilizers and manures; plants and animals. (1) The determination of moisture, organic matter, acids and mineral matter in soils. (2) Analysis of soil amendments. (3) Analysis of fertilizers and manures. The determination of potash, phosphoric acid and nitrogen in various fertilizers and manures. Lectures. Text books.—Reference: Snyder.

Soils. Soil as a medium for root development; chemical and physical agencies of decay; geological classification and chemical composition of soils; laboratory experiment on physical properties of soils; determination of the soil's moisture, porosity, weight, plasticity, specific gravity, capillary attraction, effect of mulches, physical analysis of soils; relation of physical properties to soil management. Text: Lyon and Flippins.

Livestock and Breeding. Study of the origin, history, and general characteristics of the principal breeds of cattle, horses, sheep, hogs, chickens, etc.; stock judging by aid of score cards; principles of breeding as related to the development of domestic animals; heredity and normal and abnormal characteristics, diseases, animal variations, fecundity, inbreeding, cross-breeding, prepotency, grades.—Text: Brooks and Craig.

Second Quarter. The chemistry of plants and their products; the analysis of hay, oats, corn, silage, rape, rutabagas, sweet potatoes, cabbage, meat, tomatoes, beans, vinegar, strawberries, flour and meal,

to find the various percentages of water, dry matter, ash, crude fiber, sugar, starches and protein; analysis of the various insecticides and fungicides.—References: Synder.

**Fertilizers.** Classification of manures and fertilizers; function and uses of commercial fertilizers; determination of grade and agricultural values of fertilizers; mixing and applying fertilizers; effects of soil amendments; factors affecting the efficiency of fertilizers; farm manures, their composition and use; factors affecting the value of manures; methods of handling manures; green manuring; methods of making manure.—Text: Voohese.

**Third Quarter.** Seeds and seed testing: Practice in identifying farm and garden seed; determining the purity and vitality of commercial samples of seeds; germination and purity tests of all seeds used on the farm; diseases of seeds and their treatment; practice in judging samples of seeds; methods of commercial seed production.

**Bacteriology.** Principles, common organisms and their artificial cultivation; use of the microscope; different classifications; general work leading to second year's work in farm sanitation.—Text: Jordan, Conn, and King.

**Farm Engineering.** Roads; location, material, construction, maintenance; farm machinery; plows; surface; working machinery; seeding and harvesting machinery; farm vehicles; food preparing machinery; farm motors; steam and gasoline; wind and horse power; materials for construction; lumber, brick, cement, etc.; farm water system; drainage, opened and covered; irrigation, terraces.—Text: Hoagman.

### Second Year

**First Quarter.** Farm sanitation; field and laboratory practice. The chemistry of animals and their products; the study of digestion and fermentation of various foodstuffs; digestion and fermentation of milk; breadmaking; sauerkraut; vinegar; analysis of milk to determine water, casein, fat, acidity, and the action of various ferments in milk; analysis of butter, cheese, to find moisture, fat, salt and casein; analysis of water for drinking and commercial purposes.

**Farm Crops.** Classification of farm crops; methods of improving by selection and breeding; study of varieties and geographical distribution of individual crops, their soil adaptation, manuring, planting, cultivation, place in rotation; harvesting and uses; field study of cotton, corn, sweet potatoes, peas and oats as grown in Macon County. Text: Duggar, "Farm Crops."

**Feeds and Feeding.** Classification and composition of foodstuffs; animals' digestion and nutrition: balanced ration; theory and economy of ration for growth; milk; fattening and maintenance; study of local rations and methods of feeding.—Text: Henry; Experiment Station Reports.

**Second Quarter.** Setting up a dairy outfit; running of steam





Old Schoolhouse, Big Zion Community, Montgomery County, Alabama  
For Many Years This Was the Best Building for Colored Children  
in that Community



New School House, Big Zion Community, Montgomery County, Alabama  
This Improvement Was Influenced By the Extension Department of  
Tuskegee Institute



boiler; taking down and setting separator; oiling and running machines; the Babcock test for fat; table tests for acids; specific gravity of milk; use of lactometers and thermometers; cheese-making and the composition of same; milk used for making cheese; proper temperature; use of rennet; the rennet test; the six periods of the development of cheese; the ripening of cheese; making of different kinds of cheese; various milk tests.—References: Wing, Curler, Monrad.

Poultry. Care and management of setting hens and incubators; types and construction of brooder houses; operation of brooder houses; management of chicks in brooders; feeding and management of fowls; destruction of pests; lectures on origin, history and development of poultry.—Text: Watson and Graham.

Third Quarter. Plant Breeding: Study of the structure and physiology of agricultural plants, special attention given to the flowering part; pollination, fertilization; principles of plant breeding; laws of heredity and variation; methods of plant breeding, selection and crossing; results of breeding as applied to cotton and corn; climatic changes and results due to same.—Text: Burrbank, DeVries and Bailey.

Farm Insects. Study of the anatomy and life histories of selected farm insects; collecting, and field study of the habits of injurious insects found on the farm; methods of combating injurious insects; preparation and application of insecticides.—Text: Weeds.

Agricultural Economics. Factors of agricultural production; labor and capital goods; guiding principles in the organization of farm study of local types of farms; means of acquiring land.—Text: Taylor and Carver.

Farm Management. Selection of a farm; distance from market; size of farm; purpose for which the farm is to be used—specialized farming and general farming. A study of factors affecting production: land; capital; goods; labor. A study of the management of successful and unsuccessful farms, and causes for same. Organization of labor; organization of the family for more efficiency; organization of team or horse power for greater efficiency. A study of the tenant system in the Black Belt; cropper; share tenant; cash tenant. Land value and land ownership among Negroes as it affects citizenship and better methods of farming among other people. Markets and farm accounts: study of markets—cutting out the middle man; study of markets—cutting out the middle man; keeping simple accounts.

## TWO WEEKS' SCHOOL FOR FARMERS

The following courses will be offered in 1915. All courses will be made practical and simple.



### For Men and Boys

1. Farming: Talks on soil and fertilizers, plowing, cultivation, seed testing, hotbeds, cold frames, garden crops, fruit crops and farm orchards.

2. Livestock: Talks on hogs, cattle, horses and mules; the diseases of livestock and how to treat them.

3. Dairying: Lectures on milking, care of milk, testing milk, butter making, and cheese making.

4. Poultry Raising: In the study of poultry, the best breeds of chickens for the South; testing eggs, hatching incubators and how to run them; brooder, the dressing and marketing of chickens.

### For Women and Girls

1. Poultry Raising: Simple poultry-house, breeds, selecting eggs for setting, building nests, care of setting hens, hatching chicks, feeding, dressing chickens, the diseases and how to treat them.

2. Dairying: Milking and feeding cows, treatment of cows, care of buckets and strainers, washing churns, setting milk, butter making, cheese making, ice cream making.

3. Sewing: Threading of hand machine needles, basting, overhanding, stitching, overcasting, gathering, patching, hemstitching, tucking and darning.

4. Cooking: Selecting of cooking utensils, making fire, cleaning stove, preparing breakfast, setting table, table manners, cleaning off table, preparing dinner, preparing supper, serving luncheon.

## **DEPARTMENT OF RESEARCH, CONSULTING CHEMIST AND EXPERIMENT STATION**

This Department seeks to give, in a technical and experimental way, scientific facts which will lead to a better knowledge of Agriculture in all of its branches.

The laboratory work is made simple, clear and to the point. Both physical and chemical analysis of soils, fertilizers, forage plants, milk, butter, cheese, food adulterations, dietaries, etc., are given special attention.

In the Experiment Station numerous experiments are attempted in the improvement of the soil, cotton and corn breeding, inoculation of the soil, experiments with fertilizers, tests of forage plants, various garden vegetables, etc.

In the poultry yard the student has an opportunity to see several kinds of incubators in operation and various experiments in feeding, breeding, etc., being conducted.

### **AGRICULTURAL EXPERIMENT STATION**

At the session of the State Legislature of Alabama, in 1896, a bill was passed providing for the establishment and location of a State Experiment Station in connection with this institution. The following Board of Regents has control of the Station: Hon. R. R. Poole, Montgomery; President C. C. Thach, of the Alabama Polytechnic Institute, Auburn; Messrs. W. W. Campbell, Charles W. Hare, A. J. Wilborn, Tuskegee, and Booker T. Washington and Warren Logan, Tuskegee Institute.

## DEPARTMENT OF SCHOOL EXTENSION

The Extension Department of the Institute was organized in 1910, in order to systematize the school's numerous extension activities. The actual work falls under what may be described as:

1. The work of school extension proper, that is, teaching the people how to improve themselves through the home, farm and the school.
2. The work of a continuation school which offers to persons, who have gone out from the Institute and are engaged in teaching in the community surrounding the school, opportunities to continue their studies under the supervision of the Institute while they are engaged in their work as teachers.

There is an increasing demand for persons to teach industries in public schools, and to do community work. Exceptional opportunities are offered persons, who wish to become extension workers, to become acquainted with extension methods in the numerous phases of the extension work in Macon County. The various school extension activities follow:

### THE ANNUAL TUSKEGEE NEGRO CONFERENCE

The Annual Tuskegee Negro Conference is held two days in every year in the month of January. The work is divided as follows:

1. The Farmers' Conference, which meets on the first day, gives the farmers who come to the Institute from every part of the South an opportunity to report on conditions in the communities from which they come, to relate in a familiar way their personal difficulties and successes, and the methods which they and their neighbors are making use of to improve community conditions.
2. The Workers' Conference, which meets on the second day, is composed of teachers, workers and other persons interested in getting first-hand information concerning conditions among Negroes and the methods which are being used to improve conditions.

### THE LOCAL CONFERENCE

An agent is employed by the school whose duty it is to organize local conferences in different communities in the State and visit those conferences already established in order to encourage and direct them in their efforts to build up the local schools and improve family and community life generally.



Community fairs are held under the direction of the local conferences in their respective communities.

### THE FARMERS' INSTITUTE

The Farmers' Institute holds monthly meetings. Simple lectures and demonstrations, covering the principles of agriculture, are given and the farmers are encouraged to relate their personal experiences in applying these methods to the soil. The Macon County Fair is held in the fall of each year under the direction of the Extension Department.

### THE SHORT COURSE IN AGRICULTURE

The Short Course in Agriculture gives the farmers of the counties surrounding the school an opportunity to spend two weeks at the school in study and observation. (For statement of the course of study, see the Department of Agricultural Industries.)

### FARM DEMONSTRATION WORK

The Farm Demonstration Work is carried on in co-operation with the United States Department of Agriculture and General Education Board. A number of farmers in selected communities cultivate a small portion of their land under the direction of and with seed provided or selected by the Agricultural Department. Farmers' Co-operative Schools of Instruction are formed in various communities to carry on this work.

Boys' Corn Clubs are being directed by the United States Demonstration Agents.

Tomato Clubs for the girls are being organized.

Prizes from five to fifty dollars are awarded by the Demonstration Agents to the farmer having the highest yield of corn, cotton, oats, etc.

### MOTHERS' MEETINGS

Mothers' Meetings, first established in the town of Tuskegee by Mrs. Booker T. Washington, are now found in nearly every community in the vicinity of the school. The purpose of these meetings is to interest the women in improving the homes and moral life, and in the general upbuilding of the community through the school and the church.

### RUSSELL SETTLEMENT

A plantation settlement is carried on at the Russell Plantation, eight miles from Tuskegee, and is an attempt, through a rural school, to improve conditions of the Negro farmer in a single community and demonstrate the possibilities of improvement by means of plantation life generally.

### THE MINISTERS' ASSOCIATION

The Ministers' Association is composed of all the ministers of Macon and adjacent counties. It meets four times a year at the Institute and takes up those problems which concern the moral and social welfare of the people in which the church and the ministers are directly concerned. It has done much toward getting the ministers to co-operate along undenominational lines for community betterment.

### TOWN NIGHT SCHOOL

The Town Night School is situated in the town of Tuskegee and has eight teachers, two of whom are academic teachers and five industrial teachers.

The following industries are taught: Cooking, sewing, carpentry, bricklaying, and painting.

The academic training prepares students to enter the Normal School as high as the Juonior Class.

The students are mostly from the town or they are students who failed to enter the C Preparatory Class of the Normal School.

A cooking class is conducted twice a week, on Tuesday and Friday afternoons.

The students in these classes are the heads of families and women who cook for white families in the town.

### RURAL SCHOOL EXTENSION

Rural School Extension seeks to assist and direct the Negro farming communities in building schoolhouses, lengthening school terms, and securing competent teachers. The aid received from the Jeanes Fund and other sources enables teachers to employ the most effective methods of teaching the pupils and improving the communities, so that the schools of the county where Tuskegee Institute is located are among the best rural schools in the South.

A special supervisor is employed whose duty is to visit the various schools and advise and assist teachers, particularly with reference to the management of school farms and school gardens and the teaching of agriculture and the industries. One of the important tasks of this supervisor is the organization of community clubs for the support of the schools.

As a result of the aid and direction which teachers in Macon County now receive they have exceptional opportunities to continue their studies under the direction of the Institute while being engaged in the practical work of teaching. The result is that the work of a teacher in the county has gained the character of post-graduate study in the extension and teaching methods of the Tuskegee Institute. Teachers in the county schools may thus fit themselves while carrying

on their work as teachers for the more responsible position of a supervising teacher and of teaching of a professional grade.

There are fifty-five rural schools in Macon County which are now under the general supervision of Tuskegee Institute. These schools offer opportunities to a limited number of students to engage in school work and carry on their studies as described. The facilities offered at present for work of this character are as follows:

The Rural Supervision work of the Institute serves to keep rural teachers in touch with the methods taught in the Institute classes in education as practiced at the Children's House, the training school for teachers. It enables them to carry out suggestions for building up the rural schools under the direction of an agent of the school.

### RISING STAR MODEL SCHOOL

A Model School is maintained in what is known as the Rising Star community, which is just beyond the Institute farm, where a combined school and dwelling house has been erected and two graduates of Tuskegee, a man and his wife, occupy and conduct a public school. The house contains five rooms: a sitting room, bed room, a kitchen, a dining room, and a special class room. There is also a barn and a garden, with horses, cow, pigs and chickens. The regular class room work is carried on in this as in other public rural schools, except that instead of spending all their time in a class room, pupils are divided into sections and given instruction in the ordinary industries of a farm community. While some pupils cook, others clean the house, others the yard, others work in the garden, others are receiving literary instruction.

### RURAL SCHOOL LIBRARIES

Rural School Libraries, circulating libraries sent out by the Institute Library, contain sets of books for teachers and pupils of the rural schools. A part of these are for general reading and the others are professional books. The library enables the teacher to become familiar with, and make use of, in the class room, some of the best books for children. The books of general culture and professional books on teaching agriculture enable the teacher to improve along lines of general culture and to make a more systematic study of rural school conditions and of the work and place of the rural school in rural life.

### TEACHERS' INSTITUTE

The Teachers' Institute, which meets annually, affords an opportunity for teachers in the county to come into touch with each other and with the Institute teachers. Among the subjects discussed at these meetings, in addition to those of general class-room methods, are such matters as: methods of adjusting the class-room work to the



needs of the community in which the school is located; the teacher of cooking in rural schools; methods of improving the social life of the community; methods of supplementing the public school funds; management of a school farm; professional reading for rural teachers; correlation and adjustment of academic and industrial teaching in the rural school.

These meetings are conducted so that the teacher gains, not merely the benefit of the suggestions of the other teachers present, but every teacher is invited and is expected to make a real contribution to the knowledge of the problems of the schools and communities in which they are working.



A Corner of the Rural School Exhibit from Macon County, Alabama, held at Tuskegee Institute, February 20, 1915. Exhibited Under Auspices of Extension Department of Tuskegee Institute



A Portion of the Montgomery County, Alabama, Rural School Exhibit, held at Tuskegee Institute, February 20, 1915. Exhibited Under Auspices of Extension Department of Tuskegee Institute





# CATALOG OF STUDENTS

## POST-GRADUATES

Belcher, William.....	Birmingham, Alabama
Bell, Lucile.....	Elberton, Georgia
Blackwood, Charles James.....	Trinidad, Colorado
Blount, Solomon Madison.....	Mobile, Alabama
Bonner, Ernest Davidson.....	Camden, Alabama
Bolden, Jesse.....	Salem, Virginia
Bridges, Theodore.....	Annemanie, Alabama
Caldwell, Pankley.....	Fort Worth, Texas
Campbell, Emmett Cadwaeaar.....	Shelbyville, Tennessee
Clayton, Charles Edgar.....	Pensacola, Florida
Cobb, Irene Victoria.....	Wynne, Aakansas
Cypress, George Christopher.....	Runnymede, Virginia
*Dobbs, Eugene Clarence.....	Grenada, Mississippi
Doggett, Richard Dean.....	Philadelphia, Pennsylvania
Dyson, Thomas.....	Anacostia, District of Columbia
*Edwards, Mamie.....	Columbus, Georgia
Ellis, Carl Hutchinson.....	Little Rock, Arkansas
Griffith, John.....	Boonville, Indiana
Hickman, Parthenia.....	Paris, Kentucky
Hiram, Mrs. Clara Morton.....	Athens, Georgia
Holtzelaw, Ernest Amos.....	Roanoke, Alabama
Jones, Clinton Randall.....	Mobile, Alabama
Jones, Irwin.....	Galveston, Texas
Jenkins, Lawrence Daniel.....	Independence, Missouri
Leonard, Vanzo O'Hara.....	Cottage Grove, Alabama
*May, Letteria.....	Tuskegee Institute, Alabama
*Maloney, Marceil.....	Natchez, Mississippi
*Moore, Malvin Earl.....	Clarksdale, Mississippi
*Mills, Frances.....	Athens, Georgia
Mitchell, Nellie Ida.....	Marshall, Texas
Patton, Willard Willoughby.....	Alcorn, Mississippi
Perry, Olive.....	Houston, Texas
Phillips, Robert.....	Holly Springs, Mississippi
Randolph, James.....	San Antonio, Texas
Ramirez, Augustus.....	Sabana Grande, Porto Rico
Reed, John Daniel.....	Troy, Alabama
*Rice, Katie Corinne.....	Port Gibson, Mississippi

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\*Part of Term

Rice, Walter.....	Dayton, Ohio
Roberts, Howard.....	San Antonio, Texas
Scott, Anita Belle.....	Nashville, Tennessee
Scott, Mary Ethel.....	Athens, Georgia
Stewart, Hal T.....	Lexington, Kentucky
Tabor, Albert.....	Birmingham, Alabama
Watson, M. Louise.....	Shreveport, Louisiana
Winfrey, Cornandus.....	Little Rock, Arkansas
Winkfield, Lewis.....	Sontag, Virginia
Woode, Angela Dukye.....	Vicksburg, Mississippi

### SPECIAL STUDENTS

Applewhite, Dixie.....	Corsicana, Texas
Bean, Theophilus.....	Selma, Alabama
Beckwith, Jarvis N.....	Dover, North Carolina
Bell, Edith Eudora.....	Anniston, Alabama
*Brown, Lucile.....	Danville, Virginia
Coleman, Beulah.....	Little Rock, Arkansas
Curry, Ella Catherine.....	Mumford, Alabama
Delly, Jerome Robert.....	Terrell, Texas
Epting, Lelia Beatrice.....	Sylvarena, Mississippi
Fuller, Pinkie Pearl .....	Hardaway, Alabama
French, Rosa.....	Charlotte, North Carolina
Giddens, Dessie B.....	Birmingham, Alabama
*Giddens, Richard.....	Birmingham, Alabama
Gray, Girard.....	Calhoun, Alabama
Goodloe, Martha Stewart.....	Nashville, Tennessee
Harper, Horatio L.....	Yoakum, Texas
Harris, Mary Janette.....	Sandersville, Georgia
Hawkins, Dallas.....	Henderson, North Carolina
*Henderson, Carrie Luella.....	Greenwood, South Carolina
Hilson, Viola.....	Sandersville, Georgia
Johnson, Amelia Verlie.....	Indianapolis, Indiana
Johnson, Clarence Lafayette.....	Rome, Georgia
Johnson, Lucius Carroll.....	Jackson, Tennessee
†Kennedy, Annie T.....	Tuscaloosa, Alabama
Leonard, Adolphus.....	Cottage Grove, Alabama
Massey, Ruby.....	Fort Worth, Texas
*Mailes, Samuel.....	Port Gibson, Mississippi
*Nesbit, Sarah Etta.....	Athens, Georgia
Pleasant, Vanclee.....	Victoria, Texas
*Reid, Ruth Genevieve.....	Athens, Georgia
Roberson, James Robert.....	Dawson, Texas
Robinson, Annie Pearl.....	Blotson, Alabama

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\*Part of Term

†Deceased

*Scott, Mary Magdalene.....	New Orleans, Louisiana
Stokeley, Odessa.....	Athens, Georgia
*Simms, James Houston.....	Savannah, Georgia
Smith, William Pernell.....	Birmingham, Alabama
*Taylor, Eliza.....	Montgomery, Alabama
Vavasseur, Hilda Mary.....	St. Martinsville, Louisiana
Wallace, George Lewis.....	Vicksburg, Mississippi
Watkins, Lucius S.....	Birmingham, Alabama
Willis, Marguerite Murray.....	Chattanooga, Tennessee
Wood, Ardella Marjorie.....	Apalachicola, Florida

## SENIOR CLASS

Abercrombie, Frank.....	Montgomery, Alabama
Alcova, Emelio.....	San Juan, Porto Rico
Alston, Alfred Griffith.....	Raleigh, North Carolina
Amacker, Obey.....	Franklinton, Louisiana
Anderson, James Milton.....	Galveston, Texas
Armstead, Janie.....	Florence, Alabama
Askew, John Warren.....	Eufaula, Alabama
Avant, William Clanford.....	Rabb, Alabama
Belcher, Andrew Felix.....	Centerville, Alabama
Blount, Marshall James.....	Birmingham, Alabama
Bowen, Chesson.....	Tuskegee, Alabama
Brandi, Antonio.....	Cayez, Porto Rico
Bray, James Lincoln.....	Tuskegee Institute, Alabama
Brewer, Charlotte Tena.....	Troy, Alabama
Brock, Ella Mattie.....	College Hill, Kentucky
Brown, Artemesia.....	Cincinnati, Ohio
Bunts, George Edward.....	Thomasville, Georgia
*Cabello, Alejandrina.....	San Juan, Jorto Rico
Callahan, Lillie Belle.....	Corpus Christi, Texas
Camacho, Rafael.....	Humacao, Porto Rico
Carillo, Arcadia.....	San Juan, Porto Rico
Casado, Joaquin.....	Santurce, Porto Rico
Clendinen, Cleomine Melvine.....	.....
.....	St. Thomas, St. Thomas, Danish West Indies
Cobb, Elizabeth.....	Tuskegee, Alabama
Cobb, Johnnie Mae.....	Auburn, Alabama
Cole, William T.....	Montgomery, Alabama
Collier, Lucy Alvia.....	Althemier, Arkansas
Collier, Ocarsenia.....	Althemier, Arkansas
Cooke, Carrie Evelyn.....	St. Louis, Missouri
Cunningham, Julia Louisa.....	Nichburg, Alabama
Davis, Louise.....	Three Notch, Alabama
*Davis, Luther Laurine.....	Tyler, Texas



Donaldson, Wassal Alexander.....	Tyler, Texas
Driver, Lewis Warren.....	Troy, Alabama
Edmonston, Hugh Bastian.....	Washington, District of Columbia
Edwards, Inez Odessa.....	Tuskegee Institute, Alabama
Farrior, Mary Edith.....	Brunswick, Georgia
Fears, Robie Lola.....	Tuskegee Institute, Alabama
Ferrer, Lucia Odelia.....	San Juan, Porto Rico
Fonville, Harold.....	Mobile, Alabama
Galloway, Lucile Elizabeth.....	Montgomery, Alabama
Gilkey, Naomi Maggie.....	Little Rock, Arkansas
Glaude, Eleanor Marie.....	Mobile, Alabama
Gray, Elizabeth Bernice.....	Menifee, Arkansas
Green, Robert Alfred.....	Jackson, Mississippi
Grier, George.....	Helena, Arkansas
Harris, Ambrose Ulysses.....	Jonestown, Mississippi
Harris, Electa Leola.....	Spartanburg, South Carolina
Harrison, Annie Laurie.....	Austin, Texas
Hill, Bessie Lee.....	Elberton, Georgia
Hayes, Willie Victoria.....	Bladen Springs, Alabama
Higgs, Annie May.....	Eufaula, Alabama
Hill, Harry.....	Eagle Lake, Texas
Howard, London Wesley.....	Townley, Alabama
Hubbard, George.....	Malakoff, Texas
Huggins, Kimuel Alonzo.....	Tuskegee, Alabama
Hughes, Leona Clarette.....	Palestine, Texas
Hunter, Samuel Glenn.....	Opelika, Alabama
Jackson, David Augustus.....	
.....	Gayle, St. Marys, Jamaica, British West Indies
Jackson, Hesper Argyle.....	Detroit, Michigan
Jackson, Lucius James.....	Columbus, Georgia
Jarmon, Jerry.....	Leighton, Alabama
Johnson, John Robert.....	Cleveland, Mississippi
Kellough, Maude Octavia.....	Bastrop, Texas
King, Frank.....	Denver, Colorado
Leavelle, Rozelle Hamlet.....	Hopkinsville, Kentucky
Lee, Robert Edward.....	Tuskegee Institute, Alabama
Lavert, Inez.....	Tuskegee Institute, Alabama
Logan, Paul Howland.....	Tuskegee Institute, Alabama
Long, Arthur Honest.....	Varner, Arkansas
Lopez, Rudolph Whitney.....	Warrington, Florida
Lucas, James William.....	Fitzgerald, Georgia
Massey, Mamie Vesta.....	Palestine, Texas
May, Rollo.....	St. Andrews, British West Indies
McDaniels, Louise.....	Calhoun, Alabama
McKenzie, Bessie Lucile.....	East Tallassee, Alabama
McNeil, Orelee.....	Bastrop, Texas



Meadows, Lucy Lillian.....Birmingham, Alabama  
 Mitchell, Simon Robert.....Columbus, Mississippi  
 Monerlyn, Maude Gertrude.....Memphis, Tennessee  
 Moore, Fannie Vesta.....Tuskegee, Alabama  
 Morris, Carrie Felecia.....Miami, Florida  
 Moulton, Basil.....Montgomery, Alabama  
 Negron, Jose.....San Juan, Porto Rico  
 Peek, Willis Ignatius.....Atlanta, Georgia  
 Peters, Samuel Hamilton.....Shreveport, Louisiana  
 Phillips, Eva May.....Mobile, Alabama  
 Phillips, Nona Clyde.....Chattanooga, Tennessee  
 Porter, Douglass.....Gonzales, Texas  
 Pouncey, James Daniel.....

American Film Institute seminars ;  
 pt. 1, no. 72

OFICHE

Hagel, Robert.

Robert Hagel [microform] : an  
 American Film Institute seminar on his  
 work : [held January 6, 1976]. -- Glen  
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 America, 1977.

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 history program)

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Stansbrough, Jesse James.....Auburn, Alabama  
 Statesman, Mary.....Tallaluh, Louisiana  
 Stephens, Milas Sadel.....Philadelphia, Pennsylvania  
 Stewart, McKinley William.....Kauffman, Texas  
 Swanson, Clyde Frank.....Taylorville, Illinois  
 Taylor, George Spann.....Maywood, Illinois  
 Temple, Reuben.....Tuskegee, Alabama  
 Thompson, Bernard Walton.....Pine Bluff, Arkansas  
 Toledano, Carlos Mauricio.....Montgomery, Alabama  
 Torres, Providencia.....Colon, Panama  
 Thornton, Sarah.....San Juan, Porto Rico  
 Tutwiler, Edward.....Oakland, California  
 Tutwiler, Edward.....Tuscaloosa, Alabama

Donaldson, Wassal Alexander.....	Tyler, Texas
Driver, Lewis Warren.....	Troy, Alabama
Edmonston, Hugh Bastian.....	Washington, District of Columbia
Edwards, Inez Odessa.....	Tuskegee Institute, Alabama
Farrior, Mary Edith.....	Brunswick, Georgia
Fears, Robie Lola.....	Tuskegee Institute, Alabama
Ferrer, Lucia Odelia.....	San Juan, Porto Rico
Fonville, Harold.....	Mobile, Alabama
Galloway, Lucile Elizabeth.....	Montgomery, Alabama
Gilkey, Naomi Maggie.....	Little Rock, Arkansas
Glaude, Eleanor Marie.....	Mobile, Alabama
Gray, Elizabeth Bernice.....	Menifee, Arkansas
Green, Robert Alfred.....	Jackson, Mississippi
Grier, George.....	Helena, Arkansas
Harris, Ambrose Ilvsses.....	Jonestown, Mississippi

(....)

Lee, Robert Edward.....	Tuskegee Institute, Alabama
Lavert, Inez.....	Tuskegee Institute, Alabama
Logan, Paul Howland.....	Varner, Arkansas
Long, Arthur Honest.....	Warrington, Florida
Lopez, Rudolph Whitney.....	Fitzgerald, Georgia
Lucas, James William.....	Palestine, Texas
Massey, Mamie Vesta.....	St. Andrews, British West Indies
May, Rollo.....	Calhoun, Alabama
McDaniels, Louise.....	East Tallassee, Alabama
McKenzie, Bessie Lucile.....	Bastrop, Texas
McNeil, Orelee.....	

Meadows, Lucy Lillian.....	Birmingham, Alabama
Mitchell, Simon Robert.....	Columbus, Mississippi
Monerlyn, Maude Gertrude.....	Memphis, Tennessee
Moore, Fannie Vesta.....	Tuskegee, Alabama
Morris, Carrie Felecia.....	Miami, Florida
Moulton, Basil.....	Montgomery, Alabama
Negron, Jose.....	San Juan, Porto Rico
Peek, Willis Ignatius.....	Atlanta, Georgia
Peters, Samuel Hamilton.....	Shereveport, Louisiana
Phillips, Eva May.....	Mobile, Alabama
Phillips, Nona Clyde.....	Chattanooga, Tennessee
Porter, Douglass.....	Gonzales, Texas
Pouncey, James Daniel.....	Daleville, Alabama
*Powell, Joseph Smith.....	Eutaw, Alabama
Powell, Ralph.....	Mishawaka, Indiana
Raspberry, Gertrude Beatrice.....	Mt. Rose, Alabama
Ray, Elisha Manasseh.....	Evergreen, Alabama
Rayford, Samuel.....	Memphis, Tennessee
Reed, General Grant.....	San Antonio, Texas
Reid, Viola Leona.....	Laurel, Mississippi
Reynard, Carrison.....	Mansura, Louisiana
Rhodes, Burnsides.....	Providence, Rhode Island
Richburg, Stonewall.....	Tuskegee Institute, Alabama
Rodriguez, Frances.....	Ponce, Porto Rico
Ruffin, Isabel.....	Meridian, Mississippi
Ross, Mary Constance.....	Bluffton, Georgia
Sadler, Frederick.....	Poole, Port of Spain, Trinidad, B. W. I.
Sales, Mary Elizabeth.....	Lexington, Kentucky
Scott, Lily Cornelia.....	Monroe, Louisiana
Shortridge, Lillian.....	Ensley, Alabama
Simmons, Hattie Elizabeth.....	Fayetteville, North Carolina
Simms, Andrew.....	Honoraville, Alabama
Simpson, Addie May.....	Waycross, Georgia
Spencer, Addison.....	Auburn, Alabama
Stanslough, Jesse James.....	Tallaluh, Louisiana
Statesman, Mary.....	Philadelphia, Pennsylvania
Stephens, Milas Sadel.....	Kauffman, Texas
Stewart, McKinley William.....	Taylorville, Illinois
Swanson, Clyde Frank.....	Maywood, Illinois
Taylor, George Spann.....	Tuskegee, Alabama
Temple, Reuben.....	Pine Bluff, Arkansas
Thompson, Bernard Walton.....	Montgomery, Alabama
Toledano, Carlos Mauricio.....	Colon, Panama
Torres, Providencia.....	San Juan, Porto Rico
Thornton, Sarah.....	Oakland, California
Tutwiler, Edward.....	Tuscaloosa, Alabama



Villarina, Neri.....	San Juan, Porto Rico
Vines, David.....	Birmingham, Alabama
Waters, Minnie Deborah Elizabeth.....	Earlington, Kentucky
Wesley, Frank Elmo.....	Vernon, Oklahoma
Williams, Isaac Samuel, Ebute Metta, Lagos, Southern Nigeria... ..	West Africa
Williams, Nannie .....	Love, Mississippi
Wilson, Mary Loretta.....	St. Louis, Missouri
Wolterding, Valmier....	St. Thomas, St. Thomas, Danish West Indies
Woodall, Hattie Jeanette.....	Oakwood, Texas
Woods, Theodore Henry.....	Memphis, Tennessee
Yancy, Arthurline.....	Sylvester, Georgia
Yates, Arthur Garman.....	Learned, Mississippi
Young, Ellen.....	Lafayette, Georgia

### A MIDDLE CLASS

Aitkin, Ainsworth Boswick.....	Cairo, Costa Rica, Central America
Allen, Herbert.....	Hancock, Maryland
Allen, Napoleon William.....	Columbus, Georgia
Alston, Louis.....	Charleston, South Carolina
Anderson, Blanche Waddell.....	Abingdon, Virginia
Barney, Celestine Magdalene.....	Mobile, Alabama
Barry, Ferdinand Magellan.....	Starksville, Mississippi
Beeman, Simeon.....	Stallo, Mississippi
Braxton, Amanda.....	Milstead, Alabama
Bray, Pauline Beatrice.....	Tuskegee Institute, Alabama
Bruce, Bates Shaw.....	Dalton, Missouri
Brown, Agnes Lucile.....	Jamesport, New York
Bryant, Charles Henry.....	Natchitoches, Louisiana
Bullard, Mary Jane.....	Anniston, Alabama
Burton, Sallie Lou.....	Elberton, Georgia
Butler, Martha.....	Birmingham, Alabama
Carey, Calvin.....	Macon, Georgia
Carlisle, Bertha Willie.....	LaGrange, Georgia
Carlton, Thomas George.....	Nashville, Tennessee
Carter, Alberto Christopher.....	.....
.....	St. Thomas, St. Thomas, Danish West Indies
Clark, Herbert Lee.....	Auburn, Alabama
Clemens, Walter.....	Monrovia, Liberia, West Africa
Cole, Geddes.....	Virginia, Guatemala, Central America
Conyers, Juanita Hines.....	Savannah, Georgia
Crum, Alice Anna.....	Carbon Hill, Alabama
Cunningham, Lillian.....	Pensacola, Florida
Cunningham Mary M.....	Eufaula, Alabama
Davis, Elnora Almagro.....	Griffin, Georgia
*Duncan, Henry.....	Montgomery, Alabama
Davis, Fred Lewis.....	Montgomery, Alabama

Davis, Henry York, Jr.....	Fort Worth, Texas
Davis, Minnie Lucile Elaine.....	LaGrange, Georgia
Dimitry, Ernest Lee.....	New Orleans, Louisiana
Dixon, Martha.....	Houston, Texas
Douglass, Erma Etta.....	Sherman, Texas
Driscoll, Naomi.....	Notasulga, Alabama
Figueras, Jose.....	Rio Piedras, Porto Rico
Finch, Eunice Ougden.....	Birmingham, Alabama
Fishe, Marie Needham.....	Columbus, Georgia
Forsythe, Winfred.....	Clonmel, St. Mary, Jamaica, B. W. I.
Gaillard, Herbert Raymond.....	Charleston, South Carolina
Gaillard, Osie.....	Hensley, Arkansas
Gotie, Pearl.....	Waycross, Georgia
Gaines, Annie Will.....	Columbus, Georgia
Gauntt, Tommie Verdetta.....	Mobile, Alabama
Gibson, Charles Hansford, Jr.....	Tuskegee Institute, Alabama
Goff, James Edward .....	Vicksburg, Mississippi <sup>a</sup>
Graham, Ida.....	Tuskegee, Alabama
Graham, Sudie Belle.....	Tuskegee, Alabama
Griffin, Powell William.....	Giddings, Texas
Guice, Thomas.....	Mt. Andrew, Alabama
Hall, Cleveland.....	Flournoy, Louisiana
*Handsbury, Oscar.....	Wilson, Louisiana
Hanna, Diora Margaret.....	Gallatin, Tennessee
Harbin, Bettie Anna Belle.....	Lisman, Alabama
Harden, Neda Bettie.....	Tishabee, Alabama
Hardy, Mattie.....	Birmingham, Alabama
Harper, George.....	Milledgeville, Georgia
Harper, Mattie.....	Tuskegee, Alabama
Hobson, Abraham.....	Mt. Meigs, Alabama
Hudson, William Hendric.....	Houston, Texas
Hurry, Robert.....	Monroeville, Alabama
Ingraham, Frank Wilton.....	Evergreen, Alabama
Jackson, Addie Lucile.....	LaGrange, Georgia
*Jackson, Earl Major.....	Pensacola, Florida
Jacobs, John Thomas.....	Pittsburgh, Pennsylvania
Jesus, Quintin De.....	Arecibo, Porto Rico
Johnson, Albert Edward.....	Corona, Alabama
Johnson, Charles Leclere.....	Columbus, Texas
Johnson, Jennie Corrine.....	Greenville, South Carolina
Johnson, William LaFayette.....	Columbus, Texas
Jones, Benjamin.....	Auburn, Alabama
Jones, Carrie Sophrilla.....	Thomasville, Georgia
Kamnqa, Edmund W. S....	Engcobo, Tembuland, Union of S. Africa

Keyser, Lloyd.....	Mobile, Alabama
King, Clennon Washington.....	Marianna, Florida
King, Mamie.....	Tarboro, North Carolina
Lee, Arnold Wadsworth.....	Selma, Alabama
Lee, Maurice Aldrich.....	Tuskegee Institute, Alabama
Leslie, Sibyl Isola.....	Bethelton, Jamaica, British West Indies
Lewis, Noah.....	Oliver, Louisiana
Lisk, Emanuel.....	Brookhaven, Mississippi
Mahone, Evaline.....	Purvis, Alabama
*Mann, Richard David.....	Curryville, Georgia
Marsh, Samuel James.....	Camden, Alabama
Marshall, Thomas.....	Columbus, Georgia
Mayers, William.....	Fitzgerald, Georgia
McMinn, Albert.....	Festus, Missouri
Moody, Augustus.....	El Paso, Texas
Morris, Gabie.....	Eufaula, Alabama
Moultrie, Ella Louise.....	Tuskegee Institute, Alabama
Murray, Alice Belle.....	Mobile, Alabama
Nichols, Sallie.....	Hillman, Arkansas
Pace, Torbert.....	Auburn, Alabama
Partner, John Hilliard.....	Villa Rica, Georgia
Patterson, Dorsette Manduke.....	Montgomery, Alabama
Philpot, Sallie Helen.....	Loachapoka, Alabama
Picket, William Clifford.....	Fitzpatrick, Alabama
Pierce, Joseph.....	Centerville, Alabama
Pius, Annetta.....	Nashville, Tennessee
Poaches, James.....	Charleston, South Carolina
Powell, Ethel Lee.....	Tuskegee, Alabama
Price, Elizabeth Josephine.....	Jackson, Mississippi
Richardson, Nollie Mary.....	Utica, Kentucky
Rogers, Henry W. L.....	Columbus, Georgia
Roney, Preston.....	Indianapolis, Indiana
*Rowland, Alma.....	Goliad, Texas
Scott, Clarissa Mae.....	Tuskegee Institute, Alabama
Scott, Marie Emma.....	Tuskegee Institute, Alabama
Sellers, Russie B.....	Kanawha Station, West Virginia
Sloan, Hayes.....	Huntington, West Virginia
Smith, Eloise.....	Pineland, South Carolina
Smith, Roland.....	Uniontown, Alabama
Stevens, Leta.....	Tuskegee Institute, Alabama
Stewart, Charles H.....	Woodville, Mississippi
Stevens, Richard.....	Tallahassee, Florida
Stillwell, Ruth Goldie.....	Tuskegee Institute, Alabama
Storey, Gladys Mae.....	Columbus, Georgia



Taylor, Alfred James.....	Seale, Alabama
Taylor, Helen Anita.....	Tuskegee Institute, Alabama
Taylor, Robert Rochon.....	Tuskegee Institute, Alabama
Thomas, Henry Foster.....	Magnolia Springs, Texas
Thompson, Jennie.....	Uniontown, Alabama
Tindall, Mamie Beatrice.....	Houston, Texas
Torbert, Odel Carrie.....	Columbus, Georgia
Tyson, Cleopatra.....	Girard, Alabama
Vann, Serena Elizabeth.....	Rock Island, Illinois
Walker, Eliza Belle.....	Tuskegee Institute, Alabama
Walker, Saddle.....	Mt. Meigs, Alabama
Walls, Beulah Viola.....	Birmingham, Alabama
Washington, Corean.....	Tuskegee, Alabama
Washington, Harold.....	Tuskegee Institute, Alabama
Waters, Florence Cornell.....	Savannah, Georgia
Watkins, Isaiah L., Jr.....	Montgomery, Alabama
White, William Arthur.....	Bastrop, Texas
Whittaker, Annie Nelson.....	Tuskegee Institute, Alabama
Wiley, Pauline Angeline.....	Pine Bluff, Arkansas
Williams, Cora.....	Birmingham, Alabama
Williams, Charles McKinley.....	Franklin Park, New Jersey
Williams, Mattie May.....	Birmingham, Alabama
Williams, William James.....	Rome, Georgia
Williamson, Isaac.....	Redbird, Oklahoma
Williamson, Mary Pearl.....	Shelby, Mississippi
Wilson, John.....	Somerset, Bermuda, West Indies
Wilson, Lola.....	Tuskegee, Alabama
Wimbs, Dorothy Bessie.....	Memphis, Tennessee
Woods, Trudie.....	Gadsden, Alabama
Wright, Ernest Albert.....	Deland, Florida
Wynne, Clarence Cornelius.....	Columbus, Georgia
Wynne, Evelyn Mae.....	Tuskegee Institute, Alabama
Xuma, Alfred.....	Engcobo, Timbuland, South Africa

## B MIDDLE CLASS

Allen, Willie Lee.....	Tuscaloosa, Alabama
Alston, Daniel.....	Campbell, Alabama
Altiery, Marie Carmen.....	Mayaguez, Porto Rico
Amakyi, John Ocran Hanson..	Shanti Road, Salt Pond, Gold Coast West Africa
Andrews, Roscoe.....	Buena Vista, Georgia
Banks, Pinkie Annie Lee.....	Woodstock, Alabama
Beatty, Callie Mary.....	Spartanburg, South Carolina
Bell, Jessie Ada.....	Waycross, Georgia
Bergen, Commodore.....	Cascilla, Mississippi
Beverly, Miltrude.....	Galveston, Texas

Bowen, Elinor Mildred.....	Jacksonville, Florida
Boykin, Henry.....	Rockland, Texas
Brantum, William Anthony.....	Lake Providence, Louisiana
Breedlove, Eleanor.....	Tuskegee Institute, Alabama
Breiting, Lillian.....	Demopolis, Alabama
Brewer, Paul.....	Tuskegee, Alabama
Brown, Minnie Ethel.....	Sacramento, California
Brooks, John Milton.....	Tuskegee, Alabama
†Broyles, Earl.....	Aberdeen, Mississippi
Burchett, Austin.....	Marlin, Texas
Burnett, John Edward.....	Endi, Mississippi
Butler, Helen.....	Pensacola, Florida
Calloway, Lonnie Clarissa.....	Birmingham, Alabama
Cannon, Fannie.....	Sardis, Mississippi
Carlis, Lillian.....	Notasulga, Alabama
Carlton, Ella Mattie.....	Tuskegee, Alabama
Carlton, James David.....	Tuskegee, Alabama
*Carter, Robert W.....	Savannah, Georgia
Collins, Thomas Edgar.....	Vicksburg, Mississippi
Connor, Sarah Louise.....	Morristown, New Jersey
Cotton, Lonnie Horace.....	Conroe, Texas
Cottrell, Beulah.....	Holly Springs, Mississippi
Cowington, Henry.....	Port-au-Prince, Haiti
Crayton, Frederick Douglass.....	Johns, Alabama
Cunningham, Andrew .....	Carrollton, Alabama
Darthard, Commodore Emery.....	Leighton, Alabama
Davis, Ada Pearl.....	Livingston, Alabama
Davis, Sylvester Sanford.....	Waugh, Alabama
Dees, Rosa Belle.....	Moundville, Alabama
Dickerson, Sanona.....	Atlanta, Georgia
*Dove, Katie Alberta.....	Silverena, Mississippi
Durant, William May.....	Atlanta, Georgia
East, Frank.....	Rienzi, Mississippi
Ector, Walter.....	Luella, Georgia
Edinburgh, Joseph L.....	New Orleans, Louisiana
Eddings, Leroy.....	Versailles, Kentucky
Ellis, Herbert.....	Estrada, Costa Rica, Central America
Enos, James Hastings.....	Quoque, Long Island, New York
Escoe, Walter Everette.....	Muskogee, Oklahoma
*Everette, Irving.....	Sherman, Texas
Ewart, James Daniel.....	Jacksonville, Florida
Fernandez, Francisco.....	Juncos, Porto Rico
Flake, Chester Arthur.....	Salem, Alabama

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\*Part of Term

†Deceased

Flake, John.....	Tuskegee Institute, Alabama
Flake, Solomon Darby.....	Tuskegee Institute, Alabama
Flood, James Julius.....	Demopolis, Alabama
Fortune, Ruby Veolix.....	Smoots, Virginia
Frazier, Ernest B.....	Selma, Alabama
Freeman, Daniel.....	Wilson, North Carolina
Gaillard, Emily Louise.....	Charleston, South Carolina
Germany, Horace U.....	Union Springs, Alabama
Gray, Annie Vernella.....	Birmingham, Alabama
Greene, Bettie Boyer.....	Glasgow, Virginia
Greene, Charles Stafford.....	Wichita, Kansas
Greene, Harriet Salina.....	Tuskegee Institute, Alabama
Harris, Junius.....	New Orleans, Louisiana
Hayes, William James.....	Kirkwood, Missouri
Hicks, Ola Marion.....	Oxford, North Carolina
Higbee, Bernice Ruth.....	Tuskegee Institute, Alabama
Hill, Abraham.....	Tuskegee, Alabama
Hill, Joseph.....	Washington, District of Columbia
Holden, Granville.....	Memphis, Tennessee
Holmes, Sylvester.....	Birmingham, Alabama
Hopp, Horace.....	Jasper, Florida
Howze, Solomon.....	Clarksville, Alabama
Hrabowski, Addie.....	Birmingham, Alabama
Hrabowski, Julia.....	Montgomery, Alabama
Jackson, Adelaide.....	Uniontown, Alabama
Johnson, Alfred.....	Anniston, Alabama
Johnson, Benjamin Franklin.....	Bessemer, Alabama
Johnson, Ludie.....	Tuskegee, Alabama
Jones, Luther.....	Bassfield, Mississippi
Jones, Robert Archie.....	Clarksdale, Mississippi
Jordan, Chappie.....	Fort Worth, Texas
Jordan, Peach Kaiser.....	Little Rock, Arkansas
Key, Janie Mae.....	Milstead, Alabama
*King, Paul Edward.....	East Macon, Georgia
Kirby, David.....	Austin, Texas
Kitchen, Lejie.....	Troy, Alabama
Kolhoff, Casper Ward.....	Pernville, Travancore, South India
Lay, Felton.....	Rome, Georgia
Lay, Lila Agnes.....	Rome, Georgia
Lee, Clarence Augustus.....	Marion, Alabama
Lowe, Fannie May.....	Waverly Hall, Alabama
Marshall, Vera Louise.....	Chicago, Illinois
Martin, Hubert.....	Port Maria, Jamaica, British West Indies
McClellan, Council.....	Centerville, Alabama



McCune, Asa Lafayette.....	Atlanta, Georgia
McCune, Ruth Marion.....	Jackson, Georgia
McDonald, William Barrington.....	Guantanamo, Cuba
McKinney, Hattie.....	Tuskegee, Alabama
Mathews, James Oscar.....	Enterprise, Alabama
Meadows, Hattie Cordy.....	Birmingham, Alabama
Medley, Robert Aaron.....	Columbia, Tennessee
†Milledge, David Varick.....	Mathew Station, Alabama
Miller, Dora Lee.....	Anderson, South Carolina
Moore, Myrtle.....	Tuskegee Institute, Alabama
Morris, Harrison Daniel.....	Brusley, Louisiana
Motley, Creola.....	Tuskegee, Alabama
Murray, Annie Lou.....	Mobile, Alabama
Myers, Felix.....	Riverdale-on-Hudson, New York
Myree, Ada Willie.....	Montgomery, Alabama
Narcissee, Thomas.....	Jeanette, Louisiana
Neely, Susie Belle.....	Tuskegee Institute, Alabama
Nelson, William Timothy.....	Little Rock, Arkansas
Nichols, James Henry.....	Hillman, Arkansas
Norris, James.....	Spartanburg, South Carolina
Norwood, Ivory Charlemagne.....	Nanafalia, Alabama
O'Neal, Olie.....	St Louis, Missouri
Pantaleon, Miguelina.....	Fajardo, Porto Rico
Parker, William Jones .....	Shaw, Mississippi
Patton, Milford .....	Alcorn, Mississippi
Perkins, Daisy.....	Pine Hill, Alabama
Person, Lucius Aldridge.....	North Birmingham, Alabama
*Phillips, Edna Gardner.....	Chattanooga, Tennessee
*Poole, Wallace.....	Roanoke, Alabama
*Pope, Daniel Carlton.....	Theodore, Alabama
Pryor, Julius.....	Brundidge, Alabama
Rackard, Ralph Duncan.....	Ocala, Florida
Rainer, Annie Maude.....	Tuskegee, Alabama
Ray, Thomas Franklin.....	Evergreen, Alabama
Redgray, Mary Frances.....	Tuskegee, Alabama
Reid, Norman.....	Westmoreland, Bluefields, Jamaica, B. W. I.
*Robinson, Hagar.....	Eclectic, Alabama
Robinson, Ismay James...Mandeville, Jamaica, British West Indies	
Robinson, Owen Herman.....	Calhoun, Alabama
Robinson, William.....	Pensacola, Florida
Ross, Eunice.....	Cordele, Georgia
Salmond, Savannah.....	Sunflower, Mississippi
Sanders, Alice May.....	Wetumpka, Alabama

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\*Part of Term

†Deceased

Sango, Florence.....	Muskogee, Oklahoma
Saunders, Amos.....	Kingston, Jamaica, British West Indies
Scott, Evelyn Bernice.....	Tuskegee Institute, Alabama
Scott, Robert Nathaniel....	Falmount, Jamaica, British West Indies
Sellers, Alphonse.....	Lafayette, Louisiana
Sherman, Sylvetta.....	Claremore, Oklahoma
Simms, Noland Clinton.....	Honoraville, Alabama
Simms, William.....	Honoraville, Alabama
Slater, Maggie Allegro.....	Milledgeville, Georgia
Smith, Benjamin.....	Alexandria, Louisiana
*Spurlock, Jennie Eva.....	Demopolis, Alabama
Stevens, Geneva Lottie.....	Vicksburg, Mississippi
Taylor, Indiana Alberta.....	Covington, Georgia
Terry, Albert.....	Lexington, Kentucky
Thomas, George Curtis.....	Mobile, Alabama
Thomas, Julian Broad.....	Brunswick, Georgia
Thomas, Sophia Joanana.....	Summit, Mississippi
Thomas, William Carey.....	Brunswick, Georgia
Thompson, Corinne.....	Huntington, West Virginia
*Tucker, Limmie Ethel Lee.....	Greensboro, Alabama
Turner, Raymond Lee.....	Pasadena, California
Walker, Clarence Arnold.....	Waugh, Alabama
Ward, John S.....	Eufaula, Alabama
Ward, Marie Eloise.....	Demopolis, Alabama
Washington, Lafayette.....	Griffin, Georgia
Washington, Margaret Janey.....	Tuskegee Institute, Alabama
Watkins, Catherine.....	Tuskegee Institute, Alabama
Watkins, Ethel Lavon.....	Sumter, South Carolina
Watson, Ruth Georgia.....	Charleston, West Virginia
Whitlow, Carrie.....	Tuskegee, Alabama
Wilkinson, William Sanford.....	Mobile, Alabama
Williams, Charles Lee.....	Hopkinsville, Kentucky
Williams, David Houston.....	Galveston, Texas
Williams, Judson.....	Montgomery, Alabama
Williams, Katie Beatrice.....	Ware, Alabama
Williams, Philip Clayton.....	Cumberland, Maryland
Wilson, Albion.....	Somerset, Bermuda, British West Indies
Woods, John Vanmus.....	Calhoun, Alabama
Wright, John W.....	Stockton, California
*Wright, Vernon Lee.....	Birmingham, Alabama
Wynn, Fluellen.....	Tuskegee, Alabama
†Zachary, Lula Belle.....	Tuskegee, Alabama
Zuber, George Turner.....	Starkville, Mississippi

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\*Part of Term

†Deceased

## JUNIOR CLASS

Alfred, Beulah.....	Expose, Mississippi
Afred, Hollie.....	Expose, Mississippi
Allen, Hattie Lucile.....	Hattiesburg, Mississippi
Allen, Maggie.....	Tuscaloosa, Alabama
Awtry, Melvina.....	Birmingham, Alabama
Ayers, Abbie.....	Shadyside, Virginia
Barnes, Emory Horatius.....	San Antonio, Texas
Barnes, Estella.....	Silver Creek, Mississippi
Barnes, Ethel Dora.....	St. Elizabeth, Jamaica, British West Indies
*Barnett, Lillian Esterline.....	Hopkinsville, Kentucky
Benford, William Clay.....	Opelika, Alabama
Best, David.....	Spanishtown, Jamaica, British West Indies
Beverly, Freda.....	Galveston, Texas
Blocker, Laura.....	Aiken, South Carolina
Bowie, Cora Lee.....	Calhoun, Alabama
Boyd, Esther.....	Dallas, Texas
Britt, Laymon.....	Campbellton, Florida
Brown, Etoila .....	Lafayette, Georgia
*Brown, Henry Doute.....	Anniston, Alabama
Brown, Leon Williams .....	Birmingham, Alabama
Broyles, Edgar.....	Memphis, Tennessee
Bruce, Ernestine Theodosia .....	Savannah, Georgia
Bryant, Anna Bell.....	Tuskegee, Alabama
Buchanan, Katie.....	Dawkins, Alabama
Bulls, Albert .....	Center Star, Alabama
Burke, Bessie Briscilla .....	Goodwater, Alabama
Burroughs, Albert .....	Brunswick, Georgia
Burton, Alice .....	Shorters, Alabama
Burt, Ida Daisy.....	Fort Deposit, Alabama
Burt, William .....	Atlanta, Georgia
Burke, Edmond Shack.....	Mitchell Station, Alabama
Cannon, Zenobia.....	Meridian, Mississippi
*Casey, James Wesley .....	Cranberry, Virginia
Carlos, Larcia Bell.....	Tuskegee, Alabama
Carlin, James.....	Cheneyville, Louisiana
Casterman, Charles.....	Sicily Island, Louisiana
Chambers, Calie .....	Lake Providence, Louisiana
Chambliss, Minnie .....	Tuskegee, Alabama
Clow, James.....	Oberlin, Oklahoma
Cole, Arthur Chandler .....	Los Angeles, California
Coleman, James .....	Columbus, Georgia
Colter, Mattie.....	Tuskegee, Alabama
Colter, Tecarra.....	Tuskegee, Alabama



Cooley, Woods.....	Dora, Alabama
Cotton, Mabel.....	Hot Springs, Arkansas
Conley, Florence Lugene.....	Holmesville, Mississippi
Conover, Morgan Brigham.....	Tuskegee Institute, Alabama
Cook, William McKinley .....	Calhoun, Alabama
Cooper, Elmore, Jr.....	Verbena, Alabama
Counts, Samuel James .....	Pleasant Grove, Florida
Cunningham, Frederick Douglass.....	Eufaula, Alabama
Curling, Joseph.....	Kingston, Jamaica, British West Indies
Darden, Mary Frances .....	Tuscaloosa, Alabama
Davis, Aaron Edmund.....	Montgomery, Alabama
*Davidson, Luther.....	Thomasville, Georgia
*Densley, Parham .....	Milledgeville, Georgia
Douglass, Samuel.....	Aspen Hill, Tennessee
Drew, Thomas.....	Lake Providence, Louisiana
Eastland, Nannie .....	Greenville, Mississippi
Eaves, John Henry .....	Fort Davis, Alabama
Eccleston, Cecil Hewell.....	
.....	Duncans, St. Mary, Jamaica, British West Indies
Edwards, Alvin Ernest.....	Lum, Alabama
Evans, Maggie Lydia .....	Bessemer, Alabama
Ferril, Henry .....	Macon, Georgia
Fitzpatrick, Pearl.....	Fort Davis, Alabama
Fryday, Gideon, Jr. ....	Haskell, Oklahoma
Flake, Dorothy Magdalene .....	Tuskegee Institute, Alabama
Flake, Ulysses .....	Tuskegee Institute, Alabama
Flowers, Minnie Lee .....	Troy, Alabama
Forbes, Gertrude .....	Tougaloo, Mississippi
Foster, William .....	Tuskegee, Alabama
Fowler, Henry .....	Andalusia, Alabama
Foy, Lillie Belle.....	Hardaway, Alabama
Frederick, Henry .....	Selma, Alabama
Frazier, Leon William .....	Charleston, South Carolina
Freeman, Martha .....	Spartanburg, South Carolina
Gadbury, Isby Beulah .....	Algiers, Louisiana
Gaines, Reginald Montrussor ....	Washington, District of Columbia
*Gaither, Juanita .....	Atlanta, Georgia
Garner, Bernice Jeanetta .....	Tuskegee Institute, Alabama
Gibson, James Slater .....	Tuskegee Institute, Alabama
Gillam, William Alphonso.....	Tuskegee Institute, Alabama
Godfrey, Bertha .....	Pittsburgh, Pennsylvania
Gray, Luther.....	Tuskegee Institute, Alabama
Gray, Mattie Lee.....	Tuskegee Institute, Alabama
Gray, Matthew.....	Gainesville, Alabama

Gray, Perlonia.....	Tuskegee Institute, Alabama
Green, Devotion.....	Tuskegee, Alabama
Green, Alphonso.....	Houston, Texas
*Greene, Marie Etta.....	Uniontown, Alabama
Griswold, John .....	Macon, Georgia
Gunter, Mattie Lee.....	Montgomery, Alabama
Hamilton, Marie.....	Cayon, St. Kitts, British West Indies
Hannon, Georgia.....	Montgomery, Alabama
Hightower, Ulysses.....	Asbury Park, New Jersey
Hardaway, Nettie.....	Eufaula, Alabama
Harper, Phala.....	Tuskegee, Alabama
Harris, Benjamin Amos.....	Stantonsburg, North Carolina
Harris, Eugene.....	Gallatin, Tennessee
Hart, Moselle.....	Purvis, Alabama
Hatcher, Lizzie.....	Tuskegee Institute, Alabama
Henderson, Fletcher Marsh.....	New Iberia, Louisiana
Henry, Hattie Scott.....	Starr, South Carolina
Houser, Eula Vivian.....	Autaugaville, Alabama
Houser, Everett Lewis.....	Autaugaville, Alabama
Houston, Hattie Lou.....	Atlanta, Georgia
Howard, Daisy.....	Tuskegee, Alabama
Howard, Vivian St. Clair.....	Charleston, South Carolina
Howell, Leslie.....	Titus, Alabama
Howze, Nathaniel.....	Marion, Alabama
Hubbard, Brooks.....	Holly Springs, Mississippi
Hudson, Clarence.....	Lake Providence, Louisiana
Hudson, Chauncey Reed.....	Valdosta, Georgia
Hudson, Hillary.....	Valdosta, Georgia
Hudson, Nena Ethel.....	Columbus, Georgia
Huguley, John Wesley.....	Americus, Georgia
Humbert, Bessie.....	Honeapath, South Carolina
Ingraham, Clanton.....	Tuskegee Institute, Alabama
Jackson, James Lee.....	Orange, New Jersey
Jackson, Louella May Eliza.....	Tuskegee, Alabama
Jackson, Solomon.....	Atlanta, Georgia
Jefferson, Osceola .....	Savannah, Georgia
Jenkins, Marie.....	Carrier Mills, Illinois
Johnson, Alice.....	Tuskegee, Alabama
Johnson, Alta May.....	Harrisburg, Illinois
Johnson, Blanche Lenore.....	Columbus, Texas
Johnson, Gradie William.....	Faunsdale, Alabama
Johnson, Elisha.....	Tuskegee Institute, Alabama
Johnson, Julia Caroline.....	Panama City, Florida
Johnson, Willie Louise .....	Marshall, Texas

Jones, Crosey McCuran.....	Dyersburg, Tennessee
Jones, Eliza Belle.....	Americus, Georgia
Jones, Ernest C. B.....	Cape Mount, Liberia, West Africa
Jordan, Jodie Annie.....	Tyler, Texas
Joyner, Susie.....	Hensley, Arkansas
*Kennebrew, Leonora.....	Jacksonville, Illinois
King, Della Julia.....	Tallulah, Louisiana
Kynett, Christopher.....	Selma, Alabama
Latimer, William S.....	Anderson, South Carolina
Lennon, Wilhelmina.....	Ansonia, Connecticut
Lockett, Lelia.....	Cuero, Texas
Loving, Warrenton Mabry.....	Richmond, Virginia
*Lewis, Perry.....	Oakfield, Georgia
Lovejoy, Maggie Lenora.....	Uniontown, Alabama
Lyles, Jesse.....	Wisner, Mississippi
Mahamery, Rosa Lee .....	Dora, Alabama
Mahamery, Cherry Lee.....	Dora, Alabama
*Mahone, Charles James.....	Notasulga, Alabama
Marchand, James.....	Baton Rouge, Louisiana
May, William Percy.....	Benton, Alabama
McMurray, Oda.....	Heiberger, Alabama
McDaniels, Cleveland.....	Quincy, Mississippi
McGee, Mary Lee.....	New Orleans, Louisiana
McGhee, William.....	Franklinton, Louisiana
McGowan, James.....	Eufaula, Alabama
McGriff, William.....	Beachton, Georgia
McIntyre, Carrie.....	Evergreen, Alabama
McKinnon, Portia.....	Palmetto, Florida
McKenzie, Clarence Longfellow.....	Notasulga, Alabama
McMillan, Sadie Alberta.....	Tuskegee, Alabama
McQueen, Lamar.....	Troy, Alabama
Meadows, John.....	Whitehall, Alabama
Miller, Robena.....	West Point, Georgia
Miller, Sadie Leonora.....	Fort Valley, Georgia
Mitchell, Edwin.....	Columbus, Georgia
Mitchell, Adeline Taylor.....	Barlow, Florida
Moore, Alfred.....	Rock Island, Illinois
Moore, Clara Burtena.....	Blocton, Alabama
Moore, John Washington.....	Bessemer, Alabama
Morse, Malachai.....	Norfolk, Virginia
Moses, Dock, Jr.....	Blakely, Georgia
Murphy, Alexander.....	Tuscaloosa, Alabama
Mosley, Charles Whitfield.....	Mobile, Alabama
Nevels, Albert.....	Baton Rouge, Louisiana

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\*Part of Term



Nichols, Steven William.....	Hillman, Arkansas
Osborne, Reginald.....	Kingston, Jamaica, British West Indies
Parker, Louvonnia.....	Fortson, Georgia
Patterson, Geneva.....	Tuskegee, Alabama
Patterson, Lou Ella.....	Louisville, Georgia
Payne, Leola Belle.....	Tuskegee, Alabama
Perdue, Arizona .....	Gordonville, Alabama
*Pereira, Lino.....	Juncos, Porto Rico
*Pharr, Carl James.....	Camden, Alabama
Pius, Letitia.....	Nashville, Tennessee
Pickett, Jefferson Leroy.....	Uniontown, Alabama
*Powell, James Madison.....	Birmingham, Alabama
Pressley, Hattie.....	Notasulga, Alabama
*Reed, Carl Oberdene.....	Plains, Georgia
Reed, Eugue.....	Allendale, South Carolina
Reed, Minor Charles.....	Ghent, Costa Rica, Central America
Redden, Theresa Marie.....	Clearwater, Florida
Reid, Bennie Lucile.....	Griffin, Georgia
Reid, Ola May.....	Macon, Georgia
Rhemes, William.....	Tyler, Texas
Richardson, Althea Adela.....	Tuskegee, Alabama
Richardson, Annie.....	Cairo, Georgia
*Richardson, Charles Lewis.....	Selma, Alabama
Richardson, Ruby Pearl Azell.....	Tuskegee, Alabama
Rogers, Lonnie Lester.....	Waycross, Georgia
Ross, Lewis.....	Alsatia, Louisiana
Rutledge, Ida Belle.....	Tuskegee, Alabama
Rutledge, Lyman Abbott.....	Tuskegee, Alabama
Sampson, Alfonso.....	Jackson, Mississippi
Saunders, Marie Ella.....	Montgomery, Alabama
Scipio, Blueford Alexander.....	Wilson, Arkansas
Scott, Janie Eugene.....	Ocilla, Georgia
Sharpe, Mamie.....	Montgomery, Alabama
Sheely, Theodore Isaac.....	Atlanta, Georgia
Sherman, Carrie.....	Thomaston, Georgia
Simpson, Dollie.....	Tuskegee, Alabama
Simpson, Judson.....	Atlanta, Georgia
*Smith, Beulah Estella.....	Bowling Green, Kentucky
Smith, Daisy Bessie.....	Red Springs, North Carolina
Smith, Dora Leonie.....	Bessemer, Alabama
Smith, Georgia.....	Tuskegee, Alabama
Spellers, Willie Mae.....	Brunswick, Georgia
Stevens, Dorcas Naomi.....	Tuskegee Institute, Alabama
Stovall, Julia.....	Seale, Alabama

## TUSKEGEE NORMAL AND INDUSTRIAL INSTITUTE 131

Stripling, Anthony, Jr.....	Savannah, Georgia
Sullens, Ola.....	Tuskegee, Alabama
Sullivan, Laulie Alma.....	Cheneyville, Louisiana
Swinnie, Fannie Lee.....	Tuskegee, Alabama
Taylor, Anthony Pendleton.....	Jackson, Mississippi
Taylor, William.....	Demopolis, Alabama
Terrell, Leola.....	Cowles Station, Alabama
*Thomas, Harry.....	Tuskegee, Alabama
Thomas, Jesse.....	Troy, Alabama
Thomas, Milton Minor.....	Brunswick, Georgia
Thompson, Solomon Amariah Veerl.....	
.....	Thompsontown, Jamaica, British West Indies
Toliver, James Edward.....	Warrendale, Pennsylvania
Tressville, Bessie.....	Galveston, Texas
*Tye, Frederick Douglass.....	St. Augustine, Florida
Valentine, Corine.....	Anderson, South Carolina
*Walton, Eloise.....	Thomasville, Georgia
Ward, Willie.....	Gallion, Alabama
Wardah, Charles.....	Grand Bassa, Liberia, West Africa
Washington, Laura Ophelia.....	Blacksher, Alabama
Watkins, Maude Lavinia.....	Tuskegee Institute, Alabama
Webb, George.....	Corydon, Kentucky
Westbrooks, Matilda.....	Benson, Alabama
White, Earl Berford.....	Kosciusko, Mississippi
White, Dorothy.....	Bradford, Pennsylvania
Whitted, Viola.....	Birmingham, Alabama
Williams, George Wellington.....	Waterproof, Louisiana
Williams, Lottie Garth.....	Okolona, Mississippi
Williams, Orelia.....	New Orleans, Louisiana
Williams, John Milton.....	Shelby, Mississippi
Wilson, Hector Julian.....	Tuskegee, Alabama
Woodrug, Robert Elson.....	Gadsden, Alabama
Wright, Gussie.....	Purvis, Alabama
*Wright, Horton.....	Thomasville, Georgia
Wright, Myrtle James.....	Deland, Florida
Wright, Ruth E.....	Tuskegee, Alabama
Young, Charles Wilkerson.....	Linden, Alabama
Young, Arthur Benjamin.....	New Orleans, Louisiana
Zackary, Clarence Taylor.....	Lexington, Kentucky

### A PREPARATORY CLASS

Alford, Georgia Anna.....	Expose, Mississippi
Alston, George.....	Boynton, Oklahoma

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\*Part of Term

Anderson, Charles Estes.....	Lowmoor, Virginia
Anderson, Eudora .....	Paxton, Florida
Anderson, John Wallace.....	Youkon, Florida
Anderson, Phillip.....	Montgomery, Alabama
Arnold, Robert.....	Hot Springs, Arkansas
Autrey, Vera.....	Birmingham, Alabama
Ball, Luella.....	Yazoo City, Mississippi
Banks, Thomas Jefferson.....	Sylacauga, Alabama
Barclay, Margaret Elizabeth.....	Birmingham, Alabama
*Barnes, Clarence.....	Indianapolis, Indiana
Barnes, Steven Smith.....	Tuscaloosa, Alabama
Baskin, Lula.....	Blocton, Alabama
Bell, Anna Augusta.....	Selma, Alabama
Bentley, Roy Chester.....	Covington, Georgia
Bertrand, Adolph.....	Port-au-Prince, Haiti
Branch, Granger.....	Adairsville, Georgia
Brittain, Erma.....	LaGrange, Georgia
Broadnax, Margaritta.....	Tuskegee, Alabama
Brooks, Desser Lou.....	Calhoun, Alabama
*Brown, Arthur Lee.....	Eufaula, Alabama
Brown, Floyd.....	Mound Bayou, Mississippi
Brown, Timothy.....	Charleston, South Carolina
*Brown, William E.....	Spartanburg, South Carolina
Bryant, Daisy.....	Sumter, Alabama
Bryant, Norman Wesley.....	Wilmington, North Carolina
Buchanan, Annie Pearl.....	Gainesville, Alabama
Buchanan, Cornelius .....	Mosspoint, Mississippi
*Burkhart, Rudolph.....	Selma, Alabama
Burns, Leon Annie.....	Anniston, Alabama
Busbee, Bessie.....	Roanoke, Alabama
Butler, Loranne.....	Anderson, South Carolina
Birdlong, Marietta Eleanor.....	Lake Providence, Louisiana
Caffey, Abraham.....	Montgomery, Alabama
Campbell, Mary Etta .....	Notasulga, Alabama
Carpenter, Gales .....	Terrell, Texas
Carter, Dixie .....	Waycross, Georgia
Chappelle, Samuel D.....	Fort Davis, Alabama
Chapman, Gillespie.....	Anniston, Alabama
Clark, Carrie .....	Chattanooga, Tennessee
Clark, Charley May.....	Atlanta, Georgia
Clayton, Bessie.....	Sapulpa, Oklahoma
*Clodfeller, Wilson.....	Montgomery, Alabama
*Cobb, Washington.....	Birmingham, Alabama
Cockrell, William.....	Columbus, Mississippi



Colbert, Adelina.....	Torrance, Mississippi
Coleman, Nancy Harriet.....	Prattville, Alabama
Coleman, William.....	Lineville, Alabama
Collins, Bessie.....	New Orleans, Louisiana
Collins, Susie Mary.....	Faunsdale, Alabama
Cooper, Nellie Naomi.....	Tuskegee Institute, Alabama
Cotton, Russell.....	Gordon, Alabama
Cowan, Lela.....	Anderson, South Carolina
Cunningham, Talton.....	Wills Point, Texas
Curgil, Cornelia.....	Montezuma, Georgia
Curry, Jessie Milton.....	Bessemer, Alabama
Davis, Henry, Jr.....	Baton Rouge, Louisiana
Dean, Lelia.....	Montezuma, Georgia
Dennis, John.....	Darien, Georgia
Dickens, Ethelred .....	Prentiss, Mississippi
Dickerson, Janie.....	Castlewood, Virginia
Doaks, Charles Edward.....	Unneedus, Louisiana
Drew, Hider.....	Homer, Louisiana
*Duhon, Willis.....	Lafayette, Louisiana
Duncan, Joseph.....	Auburn, Alabama
Dunson, Pearl.....	Wedowee, Alabama
Edmonds, Marie.....	Collinsville, Alabama
*Edwards, Thomas.....	Victoria, Texas
Ellington, Mabel.....	Tuskegee, Alabama
Ellis, Missouri.....	Memphis, Tennessee
Flood, Maude Louise.....	Selma, Alabama
Fluker, Atlas.....	Orrville, Alabama
Ford, Annie Laurie.....	Tuskegee, Alabama
*Ford, Edward.....	Tuskegee, Alabama
Fort, Annie Bell.....	Tuskegee, Alabama
Fortune, Annie Lee.....	Smoots, Virginia
Foster, Estelle.....	Tuscaloosa, Alabama
Fox, Melvin Calvin.....	Richmond, Virginia
Foy, Samuel.....	Hardaway, Alabama
Frazier, George Albert.....	Gulfport, Mississippi
Freeman, Rebecca Althersteen.....	Uniontown, Alabama
Fugett, Clentie.....	Middlesboro, Kentucky
Gaillard, Henry.....	Savannah, Georgia
Garner, Mitchell.....	Tuskegee Institute, Alabama
Garth, Thomas Candell.....	Decatur, Alabama
Gibson, Eva Lorene.....	Milledgeville, Georgia
Gibson, Volie E.....	Marlin, Texas
Golden, James Richard.....	Richmond, Virginia
Gordon, Alice Rosa.....	Demopolis, Alabama

Goodwin, Corleave.....	Shorters, Alabama
Graves, Albert Lewis.....	Chatham, Virginia
Green, Jessie.....	Jasper, Alabama
Haggins, Iwilda.....	Tuskegee, Alabama
*Hale, David.....	Furman, Alabama
*Hamilton, Eugene DeWitt.....	Demopolis, Alabama
Handy, William.....	Hazlehurst, Mississippi
Harbin, Dollie.....	Lisman, Alabama
Hardy, Thomas Henry.....	Fort Worth, Texas
Harris, Lillie.....	Shady Grove, Alabama
Harrison, Emma.....	Montgomery, Alabama
Hart, Marceil Lafayette.....	Muskogee, Oklahoma
Haywood, Lawrence.....	Augusta, Georgia
Head, Inez.....	Notasulga, Alabama
Henderson, Amos.....	Ramer, Alabama
Henry, Esler D.....	Houston, Texas
Henton, Thomas.....	Kaufman, Texas
Hicks, Thomas Law.....	Creedmore, North Carolina
Holliday, Joseph.....	Lake Providence, Louisiana
Howard, Cleora.....	Wilson, North Carolina
Howard, Martha.....	Tuskegee, Alabama
Hudson, George Dewy.....	Warrenton, Georgia
Hudson, Thomas.....	Macon, Mississippi
Irving, Emmaline.....	Seaforth, Jamaica, British West Indies
Irwin, Gilmer Virginia.....	Evergreen, Alabama
Jackson, Alice Rosa.....	Decatur, Alabama
Jackson, Edward James.....	Montgomery, Alabama
Jackson, Fred Douglass.....	Flat Creek, Alabama
Jackson, George Harrison.....	Tuscaloosa, Mississippi
Jackson, James Elijah.....	Belen, Mississippi
Jefferson, Lucy Dolores.....	Evergreen, Alabama
Jiminez, Jose.....	Panama City, Panama
Johnson, Albert Middleton.....	Columbus, Texas
Johnson, Callie Donia.....	Prattville, Alabama
Johnson, James.....	Decatur, Alabama
Johnson, Jay B.....	Macon, Georgia
*Johnson, Naomi.....	Eastman, Georgia
Johnson, Richard Howard.....	Brunswick, Georgia
Jones, Charles.....	Vicksburg, Mississippi
Jones, Clinton.....	Bremen, Georgia
*Jones, Elmer Erato.....	Beaumont, Texas
<b>Jones, Ethel May.....</b>	<b>Denver, Colorado</b>
*Jones Fred Shadrack.....	Beaumont, Texas
Jones, Joseph F.....	Savannah, Georgia

Jones, Marion Elizabeth.....	Chattanooga, Tennessee
Jones, Newton McCroy.....	Auburn, Alabama
Jones, William M.....	Matthews, Alabama
Judkins, Robert.....	Mitchell Station, Alabama
Kelly, Elijah.....	Girard, Alabama
Kelly, Mary Etta.....	Belen, Mississippi
*Kennebrew, Louise Elizabeth.....	Tuskegee, Alabama
*Lassiter, Daisy Bethina.....	Lavaca, Alabama
Latimer, Alice .....	Anderson, South Carolina
Latimer, Clinton.....	Anderson, South Carolina
*Latimer, Herman Devain.....	Warrenton, Georgia
Latimer, Major Sylvester.....	Anderson, South Carolina
Lee, Lucy.....	Galveston, Texas
Lee, Walter.....	Edwards, Alabama
Leggett, Joseph.....	Purvis, Alabama
Lewis, Hezekiah.....	Lisman, Alabama
Lofton, Tatnall Marion.....	Milledgeville, Georgia
Lucas, Mader.....	Lakewood, Florida
Malloy, Lorenzo.....	Cotton Plant, Arkansas
Massey, Vashti.....	Birmingham, Alabama
Maynard, James Alucious.....	Somerville, South Carolina
McArver, Janie Lee.....	Rome, Georgia
McDavid, Edna.....	McLeod, Mississippi
McField, Otis .....	Ruaton, Honduras, Central America
McGriff, Ernest.....	Beachton, Georgia
McNeil, Hattie Caroline.....	Bayhead, Florida
*McRae, Portia.....	Dothan, Alabama
Moore, Fred Alphonso.....	Yukon, Florida
Mosely, Thomas Earl.....	Pensacola, Florida
Nelson, Frank.....	Chappells, South Carolina
*Newkirk, Lewis Henry.....	Savannah, Georgia
*Nicholas, Clovis Julian.....	Mobile, Alabama
Ottoway, Saninglos.....	Tuscaloosa, Alabama
Outten, Ernesto.....	Bocas del Toro, Panama
Patterson, Estelle Addie.....	Huntsville, Alabama
Patterson, Perrie E.....	Huntsville, Alabama
Patterson, Samuel Alexander.....	Huntsville, Alabama
Pearsall, Dorothy.....	Tuskegee, Alabama
Pearsall, Erma .....	Tuskegee, Alabama
Phillips, Ernest Zack.....	Purvis, Alabama
Pinkston, Ernest.....	Sun, Mississippi
Plowman, Edward.....	Covington, Louisiana
Pool, Joshua.....	Roanoke, Alabama
Porter, Halliott.....	Marshall, Texas



Porter, Woodie Cullen.....	Muskogee, Oklahoma
*Powell, Jesse Lee.....	Windsor, Canada
Powell, Kenneth Thomas.....	Mishawaka, Indiana
Price, Alonzo.....	Anniston, Alabama
Qualls, Walter Gray.....	Sylvarena, Mississippi
Quinn, David Lucius.....	Atlanta, Georgia
Raiford, Mary Anna.....	Atlanta, Georgia
Rainer, Emma Jane.....	Tuskegee, Alabama
*Ransom, Dorothy .....	Vernon, Alabama
Reid, Jesse James.....	Laurel, Mississippi
Rice, Verna Lela.....	Port Arthur, Texas
Richardson, Thomas.....	Delhi, Louisiana
Roberts, Annie.....	Saundersville, Georgia
Roberts, Harold Hugh.....	San Antonio, Texas
Robinson, Sarah Louise.....	Shorters, Alabama
*Rodriguez, Elizabeth.....	Gheens, Louisiana
Roundtree, Voaid.....	Egypt, Georgia
Rozier, John Henry.....	Algiers, Louisiana
Rush, Idella .....	Cairo, Georgia
Russell, Willie Montine .....	Dothan, Alabama
*Satterfield, Josephine.....	Nashville, Tennessee
Sherrod, John William.....	Stallo, Mississippi
Sherman, George, Jr.....	Pensacola, Florida
Simmons, Gaynell.....	Montgomery, Alabama
Simmons, Jestine.....	Montgomery, Alabama
Simmons, Jacob.....	Haskell, Oklahoma
Scott, Emily.....	Gallion, Alabama
Sims, Arthur.....	Humboldt, Tennessee
Sires, Manuel J.....	Havana, Cuba
Smith, Elijah Joseph.....	Abbeville, Louisiana
Smith, Euclid Benjamin.....	Bookman, Arkansas
Smith, William Charles Ezekiel.....	Brunswick, Georgia
Snow, Julius Caesar.....	Montgomery, Alabama
Stallworth, David.....	Gordonsville, Alabama
*Statum, Tellis.....	Plains, Georgia
*Stevens, Edgar .....	Yazoo City, Mississippi
Stevens, Florida.....	Troy, Alabama
*Stiles, Clarence.....	Savannah, Georgia
*Strozier, Edward B.....	LaGrange, Georgia
Talley, Vessie.....	Auburn, Alabama
Tarver, William Marion.....	Montgomery, Alabama
Terrell, Warner Warrick.....	Tuskegee Institute, Alabama
Thomas, Ethel Louise.....	Montgomery, Alabama
Thomas, John .....	Pensacola, Florida

Thompson, Beatrice.....	Menglewood, Tennessee
Thompson, Donie.....	Crekola, Oklahoma
*Thompson, Jesse.....	Greenville, South Carolina
Thurston, Robert Turner.....	Russellville, Alabama
Tressville, Walter.....	Galveston, Texas
Tucker, Emma Beatrice.....	Yazoo City, Mississippi
Turner, Ira.....	Chicaga, Illinois
*Turnley, Ernestine.....	Altheimer, Arkansas
Tyndall, Henry Benford, Jr.....	
.....	Old Harbor, Jamaica, British West Indies
Tyner, Carrie .....	Auburn, Alabama
Upshaw, Napoleon Alexander.....	Nashville, Tennessee
Wafer, Sidney .....	Homer, Louisiana
Ward, Benjamin Harrison... ..	Tuscaloosa, Alabama
Washington, Hillard .....	Jackson, Mississippi
Weaver, Leo.....	Birmingham, Alabama
Webb, Joseph.....	Loachapoka, Aabama
Wesley, Robert Edward.....	Pollard, Alabama
West, George Taylor.....	Hensley, Arkansas
White, John Wesley.....	Homer, Louisiana
White, Lillian .....	Mobile, Alabama
White, Samuel.....	Montsurrat, Jamaica, British West Indies
Whitlow, Sallie.....	Tuskegee Institute, Alabama
Whitmore, Julia.....	Moorhead, Mississippi
Williams, Annie Louise.....	Tallasse, Alabama
Williams, Arthur.....	Helena, South Carolina
Williams, Charles Raymore.....	Mobile, Alabama
*Williams, Ethel Labert.....	Tuskegee, Alabama
William, LaPearl.....	Watkinsville, Georgia
Williams, Lois.....	Montgomery, Alabama
Williams, Robert Wesley.....	Milford, Connecticut
Williams, Willie Blanche.....	Tallasee, Alabama
*Willis, Albert.....	Loachapoka, Alabama
Wilson, Callie.....	Tuskegee, Alabama
Wilson, Carter Beverly.....	Strudwick, Alabama
Wofford, Cleopatra .....	Muskogee, Oklahoma
Woods, Margaret Elizabeth.....	Hadnot, Louisiana
Wright, Annie Lizzie.....	Hollins, Alabama

## B PREPARATORY CLASS

*Agee, Samuel Alonzo.....	Seward, Alaska
Alfred, Timothy.....	Expose, Mississippi
Allen, Ethel.....	Eccles, West Virginia

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\*Part of Term

Allen, Luella Louise.....	Nashville, Tennessee
*Allen, Bessie Louise.....	Jackson, Tennessee
Alves, Orlando.....	Rio de Janiero, Brazil, South America
Alexander, Hamilton.....	Birmingham, Alabama
Armstrong, Sirwreather.....	Asheville, North Carolina
Arthur, Jessie.....	Tysonville, Alabama
Auzenne, Augustave.....	Opelousas, Louisiana
Baker, Hampton Virginia.....	Tuskegee, Alabama
Baker, Plassie.....	Alexandria, Louisiana
Banks, Harvey.....	Birmingham, Alabama
Barsdale, James Irving.....	Orangeburg, South Carolina
Bass, Odessa.....	Covington, Georgia
*Batson, John Bell.....	Nashville, Tennessee
Beaver, George Washington.....	Anniston, Alabama
Belt, Maria.....	Cumberland, Virginia
Benson, Eliza Jane.....	Anderson, South Carolina
Bishop, Iva Zadel.....	Harrisburg, Illinois
Burroughs, William Lorenzo.....	Thomasville, Georgia
Braxton, Mabel.....	Fitzpatrick, Alabama
Brown, Junius.....	Eufaula, Alabama
Brown, Leroy.....	Richmond, Alabama
Bryant, Jackson.....	Plains, Georgia
Buford, Omah.....	Langston, Oklahoma
Buchanan, Jessie.....	Warrior Stand, Alabama
Burney, Robert.....	Tallassee, Alabama
Burt, Robert Walter.....	Mumford, Alabama
Butler, Ella.....	Birmingham, Alabama
Calvin, Woody.....	Eutaw, Alabama
Carter, Meredith Elizabeth.....	Glade Springs, Virginia
Casamangor, Manuel Moralo.....	Santiago, Cuba
Champa, Angela Crestine..	Port Limon, Costa Rica, Central America
Chiles, Salathiel.....	St. Augustine, Florida
*Christal, Mary Julia.....	Montgomery, Alabama
Clayton, Raymond .....	Sapulpa, Oklahoma
Clemon, Seval Baldwin.....	Montgomery, Alabama
Clifton, Walter Washington.....	Bremond, Texas
*Cokine, William Wilbur.....	Charleston, South Carolina
Coleman, Bessie Florence.....	Menifee, Arkansas
Collins, Percy Fred.....	Shreveport, Louisiana
*Cox, James Nathan.....	Notasulga, Alabama
Crocker, John Wesley.....	Richland, Georgia
Curgill, Ella McCoy.....	Montezuma, Georgia
Dawson, Augustus.....	Genoa, Florida
*Dawson, Sallie.....	Genoa, Florida



Dawson, Verna.....	Genoa, Florida
Deloach, Alexander Cortelyou.....	Chicago, Illinois
Donalson, Frank.....	Chicago, Illinois
Dillion, Zeal.....	Baton Rouge, Louisiana
Drake, Thomas .....	Auburn, Alabama
Drake, William.....	Auburn, Alabama
Dumas, Hattie.....	Tuskegee, Alabama
*Duncanson, Allen Jerrett.....	
.....	Kingston, Jamaica, British West Indies
Fernandez, Ernest.....	Panama City, Panama
Floyd, Edith.....	Mineola, New York
Ford, Susie Annie.....	Tuskegee, Alabama
Ford, Robert Blackman.....	Tuskegee, Alabama
Fort, Ada.....	Tuskegee Institute, Alabama
Gibson, Eldridge.....	Milledgeville, Georgia
Gallimore, Ulysses.....	Fortson, Georgia
Gammon, Robert Lee.....	Marianna, Florida
Gardner, Edward.....	Seattle, Washington
Gary, Robert Louis.....	Memphis, Tennessee
Giles, Philip.....	Montgomery, Alabama
Graham, Lucy.....	Thomasville, Georgia
Grant, Mamie Davis.....	Wilmington, North Carolina
Gray, Ella Josie.....	Florence, Alabama
Gray, Ira.....	Bremond, Texas
Green, Annie Virginia.....	Greenville, Alabama
Greenwade, Elnora.....	Herndon, Kentucky
Griffin, Katie Bell.....	Dothan, Alabama
Guerry, Richard Harrison.....	Guerrytown, Alabama
Hargrove, Lucy May.....	Tuscaloosa, Alabama
Harris, John Elbert.....	Hardaway, Alabama
Harrison, Charles.....	Gilbertown, Alabama
Harrison, Fannie Dell.....	Letohatchie, Alabama
Hartman, Jay Gould.....	Mt. Willing, Alabama
Heard, Cleveland.....	Camp Hill, Alabama
*Hogans, Lavalia.....	Dublin, Georgia
Hill, George Washington.....	Birmingham, Alabama
Hill, John Allen.....	Beggs, Oklahoma
Hogans, Elmore.....	Americus, Georgia
Hollingsworth, Ivanhoe.....	Bocas del Toro, Panama
Hernandez, Rafael Manfredo.....	Santiago, Santo Domingo
Hogan, Hewitt Thomas.....	Houston, Texas
Howard, Jasper P.....	Americus, Georgia
Howard, Milton Adonis.....	Madison, Georgia
Howard, Matthew .....	Crockett, Texas

Ingersoll, Frank.....	Columbus, Georgia
Ivy, Leonard.....	Union Springs, Alabama
Jacquin, Nicholas.....	Bocas del Toro, Panama
Jarrells, Martin.....	White Plains, Georgia
Jefferson, Arthur Booker.....	Boynton, Oklahoma
Jennings, Viola.....	Anniston, Alabama
Johnson, Julia Albert.....	Vicks, Arkansas
Johnson, Castella.....	Crekola, Oklahoma
Johnson, Charles James.....	West Point, Georgia
Johnson, Leona.....	Taft, Oklahoma
*Johnson, David Edward.....	Tuskegee, Alabama
Johnson, Anderson Junior.....	Birmingham, Alabama
Jolly, Mayme.....	Gainesville, Alabama
Jones, Amanda.....	Faunsdale, Alabama
*Jones, Augustus.....	Demopolis, Alabama
Jones, Douglass.....	Vicksburg, Mississippi
Kelly, Henry.....	Belen, Mississippi
King, Dora.....	Anniston, Alabama
*Leadford, Elizabeth.....	Talladega, Alabama
Lee, George.....	Fullerton, Louisiana
Leggett, Annie.....	Louise, Mississippi
Lenoir, Charles.....	Enon, Mississippi
Lester, William Clarence.....	Birmingham, Alabama
Lett, James Henry.....	New Orleans, Louisiana
Ligon, Mattie Belle.....	Loachapoka, Alabama
Littman, Alfred.....	Antemarnaro, Madagascar
Lowe, Lena.....	Waverly Hall, Alabama
Mason Laura.....	Lakewood, Florida
McCall, Rilla.....	McHenry, Mississippi
McClain, Maud.....	Africa, Mississippi
McDaniels, Roy.....	Little Rock, Arkansas
McDonald, Frank.....	Guantanamo, Cuba
Mendingall, Simuel.....	Notasulga, Alabama
Menefee, James Lee.....	Tuskegee Alabama
Myers, Sarah.....	Crekola, Oklahoma
Miller, James Mack.....	Columbus, Mississippi
Miller, Jasper Austin.....	Clarksdale, Mississippi
Mitchell, James Timothy.....	Thomaston, Alabama
Mitchell, Eula May.....	Smith Station, Alabama
Myrick, Bertha Evelyn.....	Knoxville, Tennessee
Moore, Lewis Cromwell.....	Plumerville, Arkansas
Munoz, Lorenzo.....	Santiago, Santo Domingo
Norfles, Nathan Nathaniel.....	Baton Rouge, Louisiana
Norris, Monroe .....	Tyler, Texas

O'Neal, Henry.....	Vernella Station, Georgia
Oates, John William.....	Memphis, Tennessee
Parker, John W. L. ....	Montgomery, Alabama
Parker, Walter .....	Hartford, Alabama
Polite, Machelis.....	Brunswick, Georgia
Patterson, Flora Zella.....	Clinton, Illinois
Payne, Clarence Jarrett.....	Everett, Washington
Peeler, Wilbur.....	Greensboro, North Carolina
Perryman, James.....	Boynton, Oklahoma
Perryman, Lecus.....	Boynton, Oklahoma
Peters, John.....	Muskogee, Oklahoma
Pressley, Pearl Virginia.....	East Tallassee, Alabama
Powell, St. Mark.....	Mobile, Alabama
Rector, Rebecca.....	Taft, Oklahoma
Rector, Sarah.....	Taft, Oklahoma
Reed, Joseph.....	Evanston, Illinois
Rengifo, Edward.....	Cauca, Panama
Reynolds, Henry Golden.....	Beachton, Georgia
Robins, Thomas.....	Sapulpa, Oklahoma
Rose, David.....	Tysonville, Alabama
Robinson, Mary.....	Guerryton, Alabama
*Russell, Gilbert.....	Sistrunk, Alabama
*Rumler, Jose Francisco.....	Panama, Panama
Salmond, Nellie.....	Freeman, Mississippi
Sargent, Alice.....	Sumter, South Carolina
Scarborough, Charity Wilbur.....	Blocton, Alabama
Sciplin, Adrian Dewey.....	Chicago, Illinois
Scott, Beulah.....	Lafayette, Alabama
*Seals, James Bolden.....	Butler, Alabama
Seals, William Edward.....	Glade Springs, Virginia
Sherrod, Mattie Ophelia.....	Stallo, Mississippi
Simmons, Larvis.....	Troy, Alabama
Simpson, Rose Belle.....	Esmont, Virginia
Smith, Annie Laura.....	Lafayette, Alabama
Smith, Alice May.....	Foxworth, Mississippi
Smith, Edward.....	Montgomery, Alabama
Smith, Ella Louise.....	Knoxville, Tennessee
Smith, Luther.....	Laurel, Mississippi
Solomon, John.....	Taft, Oklahoma
Sando, Robinson.....	Engcobo, Tembuland, South Africa
Starks, Mary.....	Chattanooga, Tennessee
Stephens, James.....	Girard, Alabama
*Stripling, Edward.....	Savannah, Georgia
Sucre, Carlos J.....	Aquadulce, Panama



Sullins, Ardelle Ruth.....	Prattville, Alabama
Tanksley, Ruth Elizabeth.....	Tuscaloosa, Alabama
Tarver, Eufaula.....	Three Notch, Alabama
Taylor, Robert Ellis.....	Los Angeles, California
Terrell, Mamye.....	Milstead, Alabama
*Thomas, Julius Caesar.....	Cleveland, Texas
*Thornton, Tinsley.....	Point Peter, Georgia
Townsell, Nolden.....	Waco, Texas
Trenard, Emilio.....	Santiago, Cuba
Tucker, Estella Sallie.....	LaGrange, Georgia
Tucker, Henry.....	Newberry, South Carolina
Varo, Pedro S.....	Havana, Cuba
*Walters, James Mitchell.....	Demopolis, Alabama
Walker, Virginia.....	Muskogee, Oklahoma
Walker, William Feuil.....	Russell, Mississippi
Walker, Joseph Edward.....	Mound Bayou, Mississippi
Washington, Cecil.....	Marlin, Texas
Washington, Sallie.....	Blakely, Georgia
Washington, William Girard.....	Savannah, Georgia
Wall, Cornelia Ann.....	Albemarle, North Carolina
Watkins, Thomas.....	Birmingham, Alabama
Watts, Leona.....	Montgomery, Alabama
Webb, Harvey.....	Loachapoka, Alabama
Wesley, William Tero.....	Woodlawn, Alabama
Wiley, George Howard.....	Herndon, Kentucky
Williams, Thomas.....	Wilmer, Alabama
Williams, Arthur Clyde.....	Tallassee, Alabama
*William, Herbert.....	Brewton, Alabama
Williams, Harry.....	Americus, Georgia
*Williams, Sigsbee Ernest.....	Tuskegee, Alabama
Williamston, George Walker.....	Piedmont, Alabama
*Wilson, Frank.....	Garlandville, Mississippi
Wilson, Lovie Odell.....	Tuskegee, Alabama
Winston, Eugenia.....	Tuscaloosa, Alabama
Young, John.....	Tuskegee Institute, Alabama
*Zuniga, Jose May.....	Havana, Cuba

### C PREPARATORY CLASS

Adams, Callie May.....	Bessemer, Alabama
Adams, Norman .....	Savannah, Georgia
Alexander, Esther.....	Middlesboro, Kentucky
Alexander, James Taylor.....	Middlesboro, Kentucky
Allen, Willie Mae.....	Luverne, Alabama

Austin, Henry.....	Chicago, Illinois
Andrews, Daniel.....	Arabi, Georgia
Bachelor, Robert Benjamin.....	Muskogee, Oklahoma
Barnes, Alma.....	Athens, Georgia
Boswell, Mary Etta.....	Evergreen, Alabama
Battles, James Davis.....	Dublin, Georgia
Bentley, John Thomas.....	Covington, Georgia
Bernam, Samuel.....	Glancy, Mississippi
Bevans, Victor Alexander.....	Nassau, Bahama Islands
Biggers, Nellie Bell.....	Hardaway, Alabama
*Brooks, Albert.....	Tuscaloosa, Alabama
Brown, William Wilson.....	Mobile, Alabama
Black, Larnie.....	Waverly Hall, Georgia
Brown, Richard Allen.....	Richmond, Alabama
Bunkley, Christopher C.....	Vicksburg, Mississippi
Burrell, William Henry.....	Templeman Crossroads, Virginia
Burney, Hattie May.....	East Tallassee, Alabama
Burt, Howard.....	Atlanta, Georgia
Carleton, John William.....	Lafayette, Alabama
Casterman, Arwood.....	Sicily Island, Louisiana
Chapman, Bettie Salivia.....	Grove Hill, Alabama
*Christian, Bertha.....	Camp Hill, Alabama
*Clinton, Lawrence.....	Chicago, Illinois
Clowney, John.....	Tryon, North Carolina
Cobb, Esker Samuel.....	Andalusia, Alabama
Combs, Otis.....	Lake City, Florida
Cotton, McGalop.....	Baton Rouge, Louisiana
Cummings, Elius Leroy.....	Agricola, Georgia
Daniels, Lee Home .....	Hammer, Alabama
Davis, Mabel.....	Fort Valley, Georgia
Davison, Rosa.....	Eclectic, Alabama
*Dawson, Bashie.....	Genoa, Florida
Dawson, William Levi.....	Anniston, Alabama
Day, Mary Eliza.....	Sayre, Alabama
Doak, John Algenon.....	Birmingham, Alabama
*Dove, John.....	Sylvarena, Mississippi
Drewry, Prince.....	Montgomery, Alabama
Dunn, James.....	Eutaw, Alabama
Dye, Alexander.....	Elberton, Georgia
Evans, Jefferson Davis.....	Newbern, Alabama
Farmer, Charles.....	Anniston, Alabama
Felton, Charles.....	Tysonville, Alabama
Fletcher, Rosa Belle.....	Meadow Station, Virginia
*Flowers, Glover.....	Sun, Mississippi

Frazier, Clanton.....	Taft, Oklahoma
*Gaston, William.....	Tuscaloosa, Alabama
Goings, Raymond Henry.....	San Francisco, California
Gooden, Henry Bartow.....	Mumford, Alabama
Goodson, Collie May.....	Prattville, Alabama
Graham, Walter.....	Ozark, Alabama
Grimes, Addie.....	Valdosta, Georgia
Hadley, Henry.....	Lakeland, Florida
Hall, Hubert Sebastine.....	Brewton, Alabama
Holloman, Isaiah.....	Americus, Georgia
Hargrove, Israel.....	Tuscaloosa, Alabama
Harmon, Viola.....	Griffin, Georgia
Harris, Mozelle.....	Armstrong, Alabama
*Hicks, Coy.....	Oakfield, Georgia
*Hockenhull, Isaac.....	Pine Bluk, Arkansas
Holifield, Roger.....	Loachapoka, Alabama
*House, Merlin Lee.....	Prattville, Alabama
Hubbard, Fannie.....	Elberton, Georgia
Ingersoll, Theodore.....	Columbus, Georgia
Ivory, Jailus.....	Union Springs, Alabama
*Johnson, Logan.....	Rome, Georgia
Johnson, Willie Leola.....	Warriorstand, Alabama
Jones, Fannie.....	Birmingham, Alabama
Jones, Lula.....	Jasper, Alabama
Joynes, Horace.....	Gainesville, Florida
Kelly, Lula Belle.....	Auburn, Alabama
Laws, Humphrey.....	Pidcock, Georgia
Layson, Robert.....	Macon, Georgia
*Lett, Mattie.....	Evergreen, Alabama
Leverette, Texana.....	Atlanta, Georgia
Lewis, William Easy.....	Kokomo, Mississippi
*Lomax, Ernestine.....	Wadesboro, North Carolina
Mason, Willie.....	Valdosta, Georgia
Mawalile, Ponnett.....	Matabele Land, Bulawayo, South Africa
McCaster, Winnie.....	Shorters, Alabama
McClain, Jessie.....	Africa, Mississippi
*McDill, Eddie Ann.....	Belzona, Mississippi
*McGee, Bruce.....	Prairie du Sac, Wisconsin
*McSwain, Jackson.....	Dothan, Alabama
Moore, Aaron.....	Holly Springs, Mississippi
Moragne, Judson.....	Greenwood, South Carolina
*Morgan, Ethel.....	Montgomery, Alabama
Myrick, William.....	Beaumont, Texas
Nicholson, Calvin.....	Honey Grove, Texas



Nixon, Eleanor Beatrice.....	Tuscaloosa, Alabama
*Norris, Fela.....	Pinneville, Mississippi
Pace, Annie Belle.....	Warriorstand, Alabama
Parker, Eugene Gladstone.....	Cedarville, Alabama
Patterson, Rosa Lee.....	Tuskegee, Alabama
Patton, Lucius Amandaline.....	Montgomery, Alabama
Pickett, James Harin.....	Chattanooga, Tennessee
Randolph, Ely Alonzo.....	Evergreen, Alabama
*Richardsn, Lewis.....	Liverpool, Alabama
Rogers, Thomas Robert.....	Macon, Georgia
*Richardson, Lewis.....	Liverpool, Alabama
*Ross, Sloan.....	Tuskegee, Alabama
Rosser, Mattie.....	Roanoke, Alabama
Salmond, Ada.....	Freeman, Mississippi
Shaw, James.....	Leigh, Texas
Shirley, Simeon.....	Hope Bay, Jamaica, British West Indies
Smith, Lovejoy.....	Newville, Alabama
Stephens, Herbert.....	Columbus, Georgia
Taylor, Alonzo.....	Andalusia, Alabama
Taylor, George.....	Montgomery, Alabama
Taylor, Letitia.....	Tuskegee, Alabama
Thomas, Preston.....	Troy, Alabama
*Todd, John.....	Notasulga, Alabama
Tompkins, Clem Franklin.....	Fitzpatrick, Alabama
Trammell, Bishop.....	Ragland, Alabama
Trotter, Minnie.....	Washington, District of Columbia
*White, Newman.....	Pine Bluff, Arkansas
Williams, Daisy.....	Chambers, Alabama
Williams, Henry.....	Prattville, Alabama
Williams, James.....	Millstead, Alabama
Williams, John.....	Hardaway, Alabama
Williams, John.....	Mitchell Station, Alabama
Wilson, Herman Lee.....	New Decatur, Alabama
Wright, William Edward.....	Hardaway, Alabama
Yarborough, Bernice.....	Acmar, Alabama
Younger, Cleveland.....	Jackson, Mississippi

### SPECIAL C PREPARATORY CLASS

*Acres, Floyd.....	Tuskegee, Alabama
*Anderson, Charles W.....	Montgomery, Alabama
Anderson, William.....	Bainbridge, Georgia
Anthony, Joella.....	Elmore, Alabama
Baldwin, Preston.....	Columbus, Georgia

Brown, Henry Henderson.....	Lowensboro, Alabama
Byrd, Fletcher .....	Cubahatchie, Alabama
Barnes, Lloyd.....	Sardis, Alabama
Bell, Arthur.....	Jewell, Georgia
Bentley, John .....	Dadeville, Alabama
*Blake, Jefferson William.....	Johns Island, South Carolina
Bowie, Frank.....	Talladega, Alabama
Bright, William.....	Americus, Georgia
Brown, Samuel Boykins.....	Richmond, Alabama
Brown, William Christopher.....	Brownsville, Alabama
Bryant, Elizabeth.....	Blocton, Alabama
*Calhoun, Percy.....	Birmingham, Alabama
*Campbell, Mack.....	Moulton, Alabama
Carey, Cornelius Edward.....	Lexington, Kentucky
Carlos, James.....	Notasulga, Alabama
Clark, Ruthie.....	Blocton, Alabama
Clayton, James.....	Birmingham, Alabama
Clay, Landon.....	Bristol, Virginia
Coats, Julian.....	Chicago, Illinois
Crocker, Daniel Joseph.....	Montclair, New Jersey
Cohen, John Wesley.....	Charleston, South Carolina
*Dickerson, Lewis.....	Auburn, Alabama
*Davis, Alfred.....	Dublin, Georgia
Davis, Henry Huel.....	Baton Rouge, Louisiana
Davis, William.....	Montclair, New Jersey
*Debnam, Robert Raymond.....	Oklahoma City, Oklahoma
Dix, George Murray.....	Purvis, Alabama
*Dixon, Vallie May.....	Camp Hill, Alabama
*Dowdell, Robert.....	Loachapoka, Alabama
*Dinkins, Sherman Robert.....	Tuskegee, Alabama
Echols, Susie.....	Tuskegee, Alabama
*Fair, Pompey.....	Pine Bluff, Arkansas
*Flowers, Clarence.....	Dublin, Georgia
Foster, Thomas.....	Tuskegee, Alabama
Gaston, Stephen Eldridge.....	Tuscaloosa, Alabama
Gay, Walter.....	Elba, Alabama
Gardner, Francis.....	Sumter, South Carolina
Gland, Alphonso.....	Red Bird, Oklahoma
Glisson, Cyrus.....	Sumter, South Carolina
Graham, Lucius.....	Thomasville, Georgia
Grant, Luther Martin.....	Hope Bay, Jamaica, British West Indies
Gray, Earthea.....	Gainesville, Alabama
Gray, Otis.....	Butler, Georgia
Grimes, Clifton.....	Loachapoka, Alabama

Guerry, Cleveland.....	Magnolia, Alabama
Hayes, William.....	Houston, Texas
*Herndon, Alverce James.....	Park Place, Arkansas
Hadley, Mack.....	Thomasville, Georgia
*Hall, Patience.....	Montgomery, Alabama
*Hatten, Joseph.....	Hurtsboro, Alabama
*Hendree, James.....	Tuskegee, Alabama
Hendree, Charles.....	Tuskegee, Alabama
Holland Major.....	Tuskegee, Alabama
*Hollinsworth, Martha Bell.....	Kosciusko, Mississippi
Hogue, Monroe.....	Birmingham, Alabama
Hosendove, David.....	Tuscumbia, Alabama
*Houze, Katie.....	Grove Hill, Alabama
*Ivory, Wilhelmina.....	Rutherford, Alabama
James, Amanda.....	Pennington, Alabama
*Johnson, Ivory.....	Paxton, Florida
Johnson, Mathew.....	Tuskegee, Alabama
*Jones, Ephraim.....	Waverly, Alabama
Jones, Major Jackson.....	Centerville, Alabama
King, Arthur.....	Crockett, Texas
King, Dealvis.....	Crockett, Texas
*King, Jefferson.....	Crockett, Texas
*King, Otris.....	Crockett, Texas
King, Viola.....	Montgomery, Alabama
Lee, Carrie.....	Dothan, Alabama
*Lewis, Charles.....	Tuskegee, Alabama
Lewis, Clifford.....	Columbus, Georgia
Lewis, Viola.....	Birmingham, Alabama
*Lipscomb, Albert.....	Opelika, Alabama
Love, Murrell Isaac.....	Decatur, Alabama
*McCrea, Joseph.....	Blocton, Alabama
Mack, Mary Elizabeth.....	Minter, Alabama
Marbly, Henry.....	Choctaw, Alabama
May, Vero.....	Newville, Alabama
McDonald, Lee.....	Horatio, Arkansas
Miles, Emma.....	Montgomery, Alabama
Moore, Mathan.....	Atlanta, Georgia
Morgan, Jesse.....	Muskogee, Oklahoma
Murphy, Ernestine.....	Tuscaloosa, Alabama
*Patrick, Benjamin Cosey.....	Tuskegee, Alabama
*Patterson, Virgil Lee.....	Springfield, Tennessee
Pickens, Elizabeth.....	Seale, Alabama
Pierce, John H.....	Greenville, Alabama
Poland, Georgia.....	Muskogee, Oklahoma



Redden, James Herman.....	Clearwater, Florida
Rivers, Cleopatria.....	Helena, Georgia
Robinson, Alice Eva M.....	Shorters, Alabama
Robinson, Ruby.....	Elberton, Georgia
Rogers, Olivia .....	Water Valley, Alabama
Russell, Elnora.....	Elmore, Alabama
Salmond, Elvira.....	Cannonville, Georgia
Sargent, Ransom.....	Sumter, South Carolina
*Simmons, Ezell.....	Birmingham, Alabama
Simmons, Lucille.....	Macon, Georgia
Simons, McKinley.....	Ridgeway, South Carolina
Smiler, Winton .....	Bainbridge, Georgia
Smothers, William Thomas.....	Bel Air, Maryland
*Sommerville, Percy.....	Greenwood, Mississippi
Staggs, Uriel.....	Greenville, South Carolina
*Stevenson, Hilton.....	Greenwood, Mississippi
Stewart, John Henry.....	St. Augustine, Florida
*Tatum, Timothy.....	Rose Hill, Mississippi
Taylor, Carrie.....	Memphis, Tennessee
Vaughn, Irene.....	Tuscaloosa, Alabama
Vines, Nelson.....	Tuscaloosa, Alabama
Walker, Amos.....	Jamaica, British West Indies
Washington, Clarence.....	Prattville, Alabama
Washington, Cleveland.....	Crawford, Georgia
Walker, Irwin.....	Lexington, Kentucky
Wood, Wimbley.....	Notasulga, Alabama
Wood, Rachel.....	Goshen, Alabama
*Yarborough, William.....	Acmar, Alabama

## PHELPS HALL BIBLE TRAINING SCHOOL STUDENTS

### POST-GRADUATES

Coleman, William .....	Lineville, Alabama
Harris, Junius.....	New Orleans, Louisiana
Howze, Louthaniel.....	Marion, Alabama
†Milledge, David.....	Tuskegee, Alabama
Perkins Daisy.....	Pine Hill, Alabama
*Pope, Daniel C.....	Theodore, Alabama
*Ray, Thomas.....	Evergreen, Alabama
Simms, Noland.....	Honoraville, Alabama
Stephens, Richard.....	Tallahassee, Florida
Thornton, Sarah.....	Oakland, California
Williams, Charles M.....	Franklin Park, New Jersey

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\*Part of Term

## SENIORS

Ingraham, Frank.....	China, Alabama
Laws, Humphrey.....	Pidcock, Georgia
*Seals, James B.....	Butler, Alabama
Sherrod, John.....	Stallo, Mississippi
Williams, Isaac S. M.....	
.....	Ebute Metta, Lagos, Southern Nigeria, West Africa

## MIDDLE CLASS

Andrews, Roscoe.....	Beuna Vista, Georgia
Banks, Thomas J.....	Sylacauga, Alabama
Davidson, Rosa.....	Eclectic, Alabama
*Dinkins, Sherman.....	Tuskegee Institute, Alabama
Hardy, Thomas.....	Fort Worth, Texas
Johnson, David E.....	Tuskegee, Alabama
Robinson, Ismay.....	Mandville, Jamaica, British West Indies
Scott, Janie.....	Ocilla, Georgia
Scott, Robert.....	Falmouth, Jamaica, British West Indies
Smith, Benjamin F.....	Alexandria, Louisiana
*Strozier, Edward.....	LaGrange, Georgia

## JUNIOR CLASS

Alfred, Georgia.....	Expose, Mississippi
Alves, Orlando.....	Rio de Janeiro, Brazil, South America
Barnes, Stella.....	Silver Creek, Mississippi
Battles, James D.....	Dublin, Georgia
Best, David.....	
....	Saint Catherine, Spanishtown, Jamaica, British West Indies
Brown, Floyd.....	Helena, Arkansas
Bryant, Norman Wesley.....	Wilmington, North Carolina
*Chapple, Samuel D.....	Fort Davis, Alabama
Clemens, Walter.....	Monrovia, Liberia, Africa
Clow, James.....	Oberlin, Oklahoma
Colbert, Adeline.....	Torrance, Mississippi
Cunningham, Talton.....	Wills Point, Texas
Dickens, Ethelred.....	Prentiss, Mississippi
Dunson, Pearl.....	Wedowee, Alabama
Eccleston, Cecil L.....	Samuel's Prospect, Jamaica, British West Indies
Ellis, Missouri.....	Memphis, Tennessee
*Flowers, Clarence.....	Dublin, Georgia
*Frederick, Clarence.....	Selma, Alabama

Fugett, Clentie.....	Middlesboro, Kentucky
Graham, Walter.....	Ozark, Alabama
Handy, William.....	Hazlehurst, Mississippi
Ingraham, Clanton.....	Tuskegee Institute, Alabama
Jackson, James Lee.....	Orange, New Jersey
Johnson, Anderson J.....	Birmingham, Alabama
Kitchen, Lejie.....	Troy, Alabama
Leverette, Texanna.....	Anderson, South Carolina
Littman, Alfred.....	Antananabo, Madagascar
<b>McDaniels, Cleveland.....</b>	<b>Quincy, Mississippi</b>
McIntyre, Carrie.....	Evergreen, Alabama
Marbly, Henry R.....	Choctaw, Alabama
Mitchell, James.....	Thomaston, Georgia
Motley, Creola.....	Tuskegee, Alabama
Nelson, Frank.....	Chappell, South Carolina
Patterson, Flora Zella.....	Clinton, Illinois
Person, Lucius.....	Birmingham, Alabama
*Pierce, John H.....	Greenville, Alabama
Raiford, Mary.....	Atlanta, Georgia
Redgray, Mary Frances.....	Tuskegee, Alabama
Roundtree, Voaid.....	Egypt, Georgia
Sherrod, Mattie.....	Stallo, Mississippi
Simmons, Ezel.....	Birmingham, Alabama
Smothers, Williams.....	Bel Air, Maryland
Trammell, Bishop.....	Ragland, Alabama
Tyndall, Henry.....	Old Harbour, Jamaica, British West Indies
Walker, Amos.....	Spanishtown, Jamaica, British West Indies
Watkins, Thomas.....	Birmingham, Alabama
White, Samuel.....	
....	Mount Serrat, Harris Village, Jamaica, British West Indies
Williams, David H.....	Galveston, Texas
*Williamson, Pearl.....	Shelby, Mississippi
Wilson, Callie.....	Tuskegee, Alabama

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\*Part of Term



# RECAPITULATION

## STATES, TERRITORIES AND FOREIGN COUNTRIES REPRESENTED

### Africa

Gold Coast, West Africa.....	1
Liberia, West Africa.....	3
Southern Nigeria, West Africa.....	1
Madagascar, East Coast, Africa.....	1
Engcobo, Tembuland, South Africa.....	4

Alaska .....	1
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Alabama .....	649
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Arkansas .....	34
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California .....	7
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### Central America

Costa Rica .....	4
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Guatemala .....	1
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Honduras .....	1
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Panama .....	9
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### Canada

Ontario .....	1
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Colorado .....	3
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Connecticut .....	2
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District of Columbia .....	5
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Florida .....	44
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Georgia .....	198
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Illinois .....	18
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### India

Travancore .....	1
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Indiana .....	6
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Kansas .....	1
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Kentucky .....	21
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Louisiana .....	62
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Maryland .....	3
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Michigan .....	1
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Mississippi .....	111
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Missouri .....	7
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New Jersey .....	5
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New York .....	4
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North Carolina .....	19
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Ohio .....	2
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Oklahoma .....	35
Pennsylvania .....	7
Rhode Island .....	1
<b>South America</b>	
Brazil .....	1
South Carolina .....	45
Tennessee .....	39
Texas .....	88
Virginia .....	24
<b>West Indies</b>	
Bahama (Nassau) .....	1
Bermuda .....	2
Cuba .....	7
Haiti .....	2
Jamaica .....	21
Porto Rico .....	18
Santo Domingo .....	2
St. Andrews .....	1
St. Kitts.....	1
St. Thomas .....	3
Trinidad .....	1
Washington .....	2
West Virginia .....	5
Wisconsin .....	1
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Total (Boys 907; Girls 631).....	1,537
Average Attendance at Children's House.....	225
Average Attendance, Summer School.....	380
Average Attendance, Agricultural Short Course.....	165
<hr/>	
Grand Total .....	2,307
States and Territories represented .....	32
Foreign Countries represented.....	19







373.761  
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# THE TUSKEGEE INSTITUTE BULLETIN

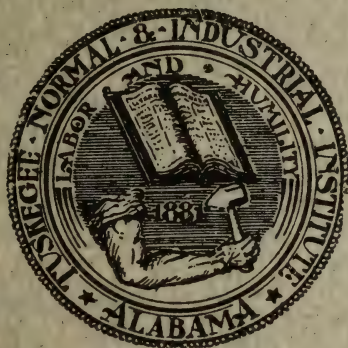
PUBLISHED QUARTERLY

VOL. 10

APRIL-JUNE

NO. 2

## ANNUAL CATALOG EDITION



### 1915-16

**TUSKEGEE INSTITUTE, ALABAMA**

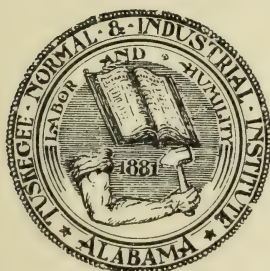
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Entered at Post Office at Tuskegee Institute, Alabama, as  
second-class matter under the act of July 16, 1894

347  
RABBIT HOLE  
VABAU

# THIRTY-FIFTH ANNUAL CATALOG

THE TUSKEGEE NORMAL AND  
INDUSTRIAL INSTITUTE



1915-1916

INSTITUTE PRESS  
TUSKEGEE INSTITUTE, ALA.  
1916

*Handwritten signature or initials*

## BOARD OF TRUSTEES

Seth Low, Chairman.....	New York City, N. Y.
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Charles W. Hare.....	Tuskegee, Alabama
Randall O. Simpson.....	Furman, Alabama
†Booker T. Washington.....	Principal
Warren Logan.....	Tuskegee Institute, Alabama
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George McAneny.....	New York City, N. Y.
Edgar A. Bancroft.....	Chicago, Illinois
Alexander Mann.....	Boston, Massachusetts

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Emmett J. Scott, Secretary.....Tuskegee Institute, Alabama



## ANNOUNCEMENTS FOR 1916-1917

1916

September 12, Tuesday..... First Term Begins

November 30, Thursday.....Thanksgiving Day

December 23-24-25, Saturday, Sunday, Monday ..Christmas Holidays

1917

January 1, Monday.....New Year's Holiday

1, Monday.....Week of Prayer Begins

8, Monday.....First Term Examinations Begin

15, Monday.....Second Term Begins

17, Wednesday.....Tuskegee Negro Conference

18, Thursday.....Tuskegee Workers' Conference

30, Tuesday.....Armstrong Memorial Exercises

February 22, Thursday.....Mid-winter Meeting, Board of Trustee

April 27, Friday.....Night School Students' Holiday

May 7, Monday.....Second Term Examinations Begin

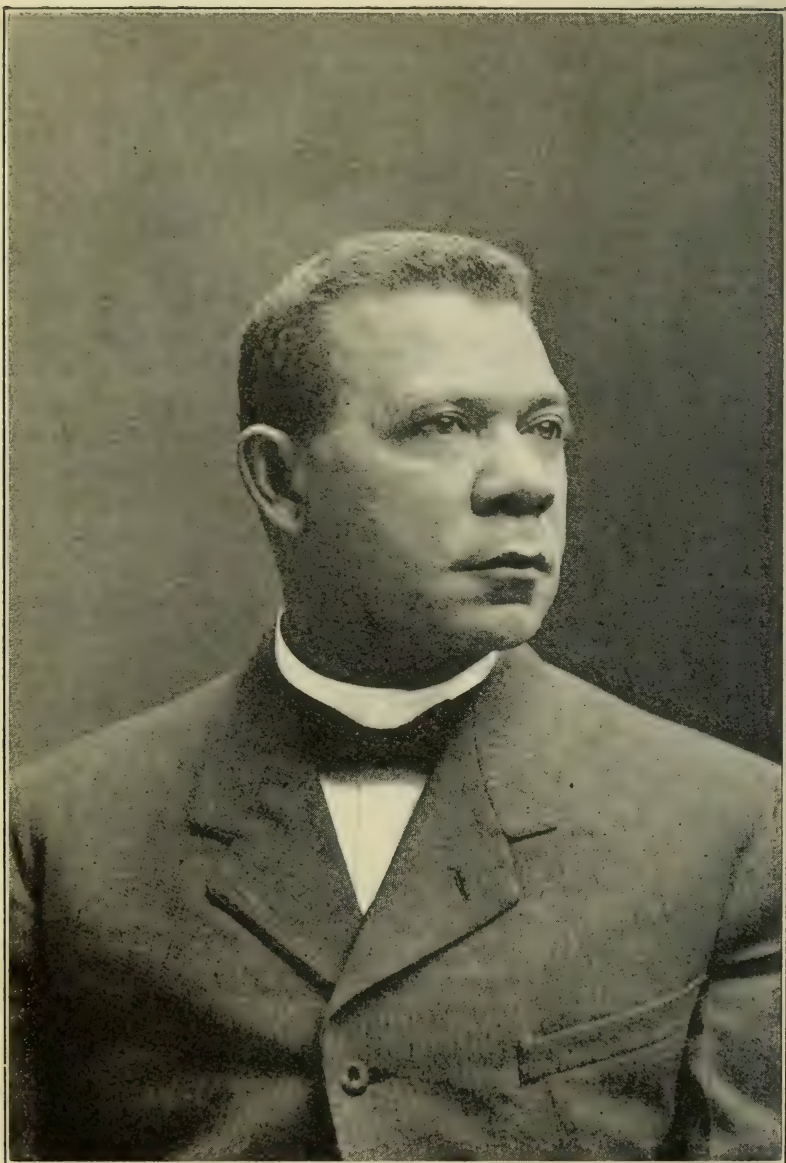
27, Sunday.....The Commencement Sermon

28, Monday..Annual Exercises, Phelps Hall Bible Training School

29, Tuesday.....Trinity Church Boston Prize Contest

30, Wednesday.....Senior Class Exercises

31, Thursday.....Commencement Day



THE FOUNDER AND LATE PRINCIPAL OF TUSKEGEE INSTITUTE



## THE INSTITUTE'S FOUNDER AND LATE PRINCIPAL

On November 14, 1915, Dr. Booker T. Washington, Founder and Principal of the Tuskegee Normal and Industrial Institute, died at Tuskegee Institute, Alabama.

At a special meeting of the Board of Trustees held at Tuskegee Institute, December 13th, 1915, the Chairman was requested by a rising vote to prepare a suitable Minute for the record in regard to the School's distinguished Principal and Founder. The facts stated in the Minute following, in relation to the birth and early childhood of Principal Washington, have been furnished by his brother, John H. Washington, who has recently secured from the records of the Family Bible of the owner of the estate on which Principal Washington was born the exact date of his birth. By Principal Washington himself the exact date was never known.

The Minute which follows was prepared by Honorable Seth Low, Chairman of the Board of Trustees, and has been spread upon the records of the Board of Trustees, and is also published in this first issue of the Annual Catalogue following his death.

### MINUTE PREPARED BY THE CHAIRMAN

Booker Taliaferro Washington was born April 5, 1856, on a large plantation near Hale's Ford Post Office, Franklin County, Virginia, forty-five miles from Lynchburg. His mother was owned during slavery by James Burroughs, and was a cook for his family. He had one brother, John H., older than himself and one sister, Amanda, younger than himself, who afterwards became Mrs. Johnston. His brother survives him. They all remained with their slave owners after the close of the Civil War until August, 1865, when they left in a two-horse wagon for Malden, West Virginia, the journey lasting two weeks. Booker Washington began to attend a public school in 1866; and in 1871 he went to live with the family of General Lewis

Ruffner, working mornings and evenings for his board, and continuing to attend public school. In 1872, with but few clothes and barely enough money to pay his fare, he left his home for Hampton Institute, Virginia. By hard work, and through aid furnished him by his brother, he was able to continue in school until he was graduated in 1875. On his return home from Hampton Institute the following fall, he was employed as teacher in the public school of his own town, later entering Wayland Seminary, Washington, D. C. From Wayland Seminary he was called to Hampton Institute to take charge of and teach the Indian boys who had been recently sent there by the United States Government, from the West. He remained at Hampton Institute in this position until he was called in June, 1881, to Tuskegee, Alabama, to take charge of the School of which he remained Principal to the day of his death, November 14, 1915. It should be a part of the record that the Tuskegee Institute was established by the State of Alabama, which made an initial appropriation of \$2,000 for its support. At the present time the State appropriates \$4,500 a year, and it has never failed in this long period to make an annual appropriation.

Booker Washington, as he was popularly called, has given in his remarkable autobiography, "Up From Slavery," an interesting and inspiring account of the struggles of his childhood and youth, of which it may be unhesitatingly said that they strengthened the fibre of his character, and helped to fit him for the great work for the benefit of his race and for the advantage of his country which it was given him to do.

Henry Watterson, in a letter to the Chairman dated Louisville, Kentucky, December 13, 1915, says of him: "No man, since the war of sections, has exercised such beneficent influence and done such real good to the country—especially to the South." His beneficent influence was due in part to his sane views of the relation of the races during the period covered by his life; and in part to the immense influence which he came to exert over the members of his own race in favor of industrial education to be followed by a life of industry. His contribution to the methods of industrial education, and his eloquent insistence upon its importance, have been of value all over the land, and many a school for white children, in the North as well as in the South, is better today for the pioneering work which was done by Booker Washington at Tuskegee Institute.

Booker Washington had the manliness to face facts unflinchingly; and however much he may have suffered as a member of a race only recently redeemed from slavery, he never complained. He looked rather to the heart of the thing, and perceived that a race recently redeemed from slavery, as the result of a great War, must win its own way by making itself so useful as to be welcome everywhere, and so economically independent as to be fit to enjoy the



privileges and opportunities of freedom. It is an interesting commentary upon the sagacity of this philosophy, that at Tuskegee Institute, not only was Booker Washington himself allowed to vote but also every teacher there, who by residence and otherwise, was qualified for the suffrage, exercised the same right.

Any one wishing to comprehend the obligations of the country to Booker Washington and others of his race like him, who have preached the gospel of industry and economic efficiency to the Negro race, must recall that the Negroes as a race when emancipated had every reason to look upon work as a badge of slavery. White people alone would have taught in vain "The nobility of labor, the long pedigree of toil;" but when Booker Washington, himself born a slave, began to teach this truth to the people of his race, they were ready to listen and to lay it to heart. The progress made by the race towards economic independence in fifty years of freedom, in response to these teachings of Booker Washington and of other Negroes like him who have preached the same gospel, is a record of which the race has a right to be proud, and for which all the people of the country may well be grateful. To the people of the South, in particular, these teachings have been of especial value as tending to create in that region a body of laboring men who work not simply because they have to work in order to live, but many of whom work with the ambition to make themselves independent and useful members of society. In these days of mechanical progress, a region will prosper precisely in proportion to the intelligence of those who do its industrial, its agricultural, and its manual work. Thus the vision of Booker Washington contained a benediction not only for his his own race but for the people of the Southland which he loved so well.

This then is the record of Booker Washington which the Trustees wish to perpetuate. A boy, born a slave, emancipated by law before he was ten years old, made himself by his industry, by his intelligence, by his service to others, a free man in the fullest sense of the word. By making himself the servant of all, he became the chief man of his race, and one of the greatest citizens of his country. Tuskegee Institute, to the establishment and conduct of which he gave more than thirty-four years of his life, is his fitting Memorial. May it always continue to be a Memorial of his sagacity, of his courage, of his prudence, of his self-forgetfulness, and of his patriotic service to the Negro race and to the people of the United States.



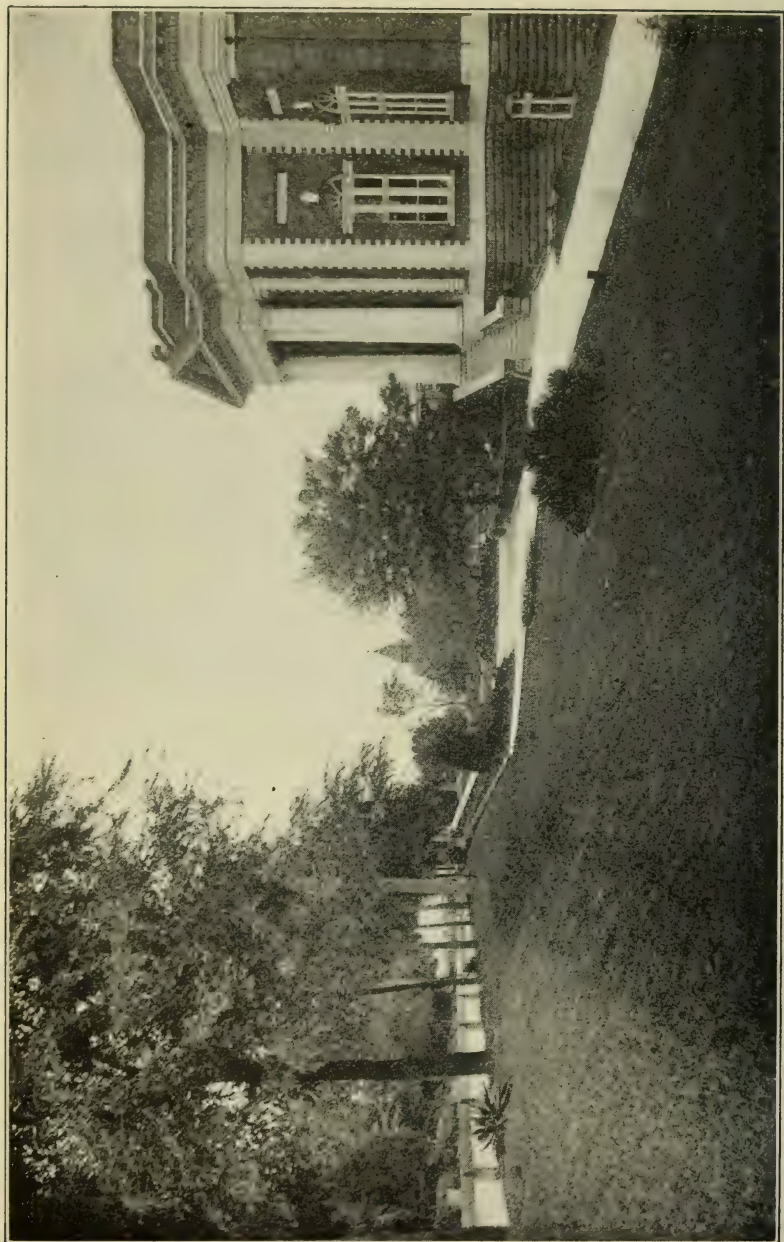


Photo. by A. P. Bedou, New Orleans.

FACADE OF TOMPKINS HALL — STUDENTS' AND TEACHERS' DINING HALL

# FACULTY

## EXECUTIVE COUNCIL

†Booker T. Washington.....	Principal
Warren Logan.....	Treasurer and Acting Principal
Emmett J. Scott.....	Secretary
John H. Washington.....	General Superintendent of Industries
Robert R. Taylor.....	Director, Mechanical Industries
George W. Carver....	Department Research, Experiment Station
	Consulting Chemist
Major Julius B. Ramsey.....	Commandant
Ernest T. Attwell.....	Business Agent
Charles H. Gibson.....	Chief Accountant
George R. Bridgeforth.....	Director, Agricultural Department
John H. Palmer.....	Registrar
John A. Kenney, M. D.....	Medical Director
Susan H. Porter.....	Dean, Woman's Department
Mrs. Booker T. Washington.....	Director, Women's Industries
John W. Whittaker.....	Chaplain
Clinton J. Calloway.....	Director, Extension Department
Alvin J. Neely.....	Superintendent, Buildings and Grounds
G. Lake Imes.....	Dean, Phelps Hall Bible Training School
Ezra C. Roberts.....	Director Academic Department

## ACADEMIC DEPARTMENT

Ezra C. Roberts.....	Director
‡Clement Richardson.....	English
Ralph A. Marsden.....	English
Carrie S. Ramsey.....	English
Sarah L. Hunt.....	English
Susie E. Palmer.....	English
Constance E. Hazel.....	English
Pauline A. Ray.....	English
K. Ethel Stewart.....	English
Lewis E. Green.....	English
Charles L. Lewis.....	English
Helen Parks.....	English

†Died November 14, 1915.

‡Head of Division.



‡T. Edward Owen.....	Mathematics
Charles S. Smith, Jr.....	Mathematics
Leroy Robbins.....	Mathematics
Frances F. Kealing.....	Mathematics
John W. Freeman.....	Mathematics
Ogaritta Garrett.....	Mathematics
Charles E. Burch.....	Mathematics
‡Ezra C. Roberts.....	History and Geography
Lillian C. Mack.....	Geography
George W. A. Scott.....	History and Geography
Julia O. Walton.....	Geography
Rebecca M. Quinton.....	History and Geography
Edna A. Landers.....	History and Geography
Wilbert R. Howell.....	History and Geography
‡J. T. Williamson.....	Science
C. Durham Campbell.....	Science
George W. Carver.....	Science
‡Ruth M. Logan.....	Physical Training
‡Jennie C. Lee.....	Vocal Music
Emily C. Moore.....	Assistant in Vocal Music
‡Alice C. Simmons.....	Instrumental Music
Adelaide Townson Foster.....	Assistant in Instrumental Music
‡Joseph L. Whiting.....	Education
William H. Carter.....	Bookkeeping
‡Helen A. Whiting.....	Drawing and Writing
Gustavus A. Steward.....	In Charge Academic Office
Clara B. Coy.....	Care of Records, Director's Office
Lillian M. Wright.....	Clerk, Director's Office
Lena R. Cheeks.....	Stenographer, Director's Office

### CHILDREN'S HOUSE

Laura T. Jones.....	Principal and First Grade
Lottie G. Griffin.....	Second Grade
Edith E. Washington.....	Third Grade
Helen J. Howard.....	Fourth Grade
Lessie C. Quick.....	Fifth Grade
Dorinda K. McMillan.....	Sixth Grade
Mary E. Brown.....	Sewing and Cooking
Henry Howard.....	Carpentry and Gardening
Georgia K. Smith.....	Kindergarten

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‡Head of Division.



CARNEGIE LIBRARY

M. Ernestine Suarez.....	Librarian
Una M. Staunton.....	Assistant Librarian
Florence E. Curry.....	Cataloguer

DEPARTMENT OF MECHANICAL INDUSTRIES

Robert R. Taylor.....	Director
W. A. Richardson.....	Assistant to Director
Harry E. Thomas.....	Steam Engineering
Robert L. Waggener.....	Machinery
Edward J. Bruce.....	Painting
G. B. Rivers.....	Assistant Painting
Edward W. Cummings.....	Blacksmithing
John C. Jordan.....	Harnessmaking and Carriage Trimming
Charles H. Evans.....	Carpentry
N. E. Wilkins.....	Assistant Carpentry
Jailous Perdue.....	Assistant Carpentry
Mitchell D. Garner.....	Carpentry Repair
William A. Hazel.....	Architectural and Mechanical Drawing
James A. Dunn....	Assistant, Architectural and Mechanical Drawing
Lewis H. Persley....	Assistant Architectural and Mechanical Drawing
Frank L. West.....	Shoemaking
William L. Wilkerson.....	Tailoring
William H. Pearson.....	Tinsmithing
J. W. Spaulding.....	Brickmasonry and Tile Setting
John L. Anderson.....	Applied Electricity
William H. Pearson.....	Brickmaking (Summer)
E. L. Burke.....	Wheelwrighting
Augustus A. Thomas.....	Printing
Kate Evans Gover.....	Proofreading, Printing
Carye Napier.....	Assistant Proofreading, Printing
W. C. Cole.....	Mechanical Bookkeeping
Charles R. Neely.....	Assistant Mechanical Bookkeeping
Arthur P. Mack.....	Plumbing
Frank G. Manly.....	Mechanical Supplies
W. H. Wheat.....	Automobile Mechanics
E. L. Burke.....	Timber Cutting (Summer)
J. Lee Hicks.....	Stenographer

PHELPS HALL BIBLE TRAINING SCHOOL

G. Lake Imes, Dean.....	Christian Service
Woodford S. Smith.....	History, Bible
Martin L. Bethel.....	Preaching, Christian Doctrine
John W. Whittaker, Chaplain.....	History, Bible

DEPARTMENT OF RESEARCH, EXPERIMENT STATION—  
CONSULTING CHEMIST

George W. Carver.....Director

DEPARTMENT OF AGRICULTURE

George R. Bridgeforth.....Director of Agriculture  
and Agricultural Extension  
Thomas N. Cowen.....Farm Superintendent  
Eugene C. Dobbs.....Assistant to Farm Superintendent  
Cornelius B. Hosmer.....Assistant to Farm Superintendent  
Edward M. Parrish.....Agricultural Instruction  
Henry H. Boger.....Agricultural Instruction  
Nelson D. Ricks.....Fruit Growing  
Matthew Woods.....Horse and Mule Raising  
James H. Bias, D. V. M.....Veterinarian  
Jesse J. Jones.....Agricultural Bookkeeping  
Henry B. Benson.....Canning  
Henry W. Seals.....Feed and Supply—Milling  
Wallace W. Hayes.....Truck Gardening  
George D. White.....Poultry Raising  
Herbert H. Harris.....Dairying  
Frank E. Wesley.....Swine Raising  
Russell C. Atkins.....Dairy Husbandry  
Louis J. Watkins.....Road Building and Surveying  
George B. Thornton.....Stenographer, Director's Office

AGRICULTURAL EXTENSION

Thomas M. Campbell.....Agricultural Extension, U. S. District  
Demonstration Agent  
Charles W. Greene.....Agricultural Extension, U. S. County  
Demonstration Agent  
N. Juanita Coleman.....Agricultural Extension—Home Economics  
Charma M. Abbott.....Stenographer, Agricultural Extension

DEPARTMENT OF WOMEN'S INDUSTRIES

Mrs. Booker T. Washington.....Director  
Sarah P. Martin.....Assistant to Director  
Constance R. Cross.....Ladies' Tailoring  
Hattie E. King.....Plain Sewing and Dressmaking  
Cornelia A. Vivian.....Millinery  
Ophelia M. Donalson.....Laundering  
Caroline S. Owen.....Basketry, Upholstering, Mattressmaking

Lorena C. Taylor.....	Cooking
Cecyle D. Carter.....	Cooking
Lillian W. Bradley.....	Stenographer, Director's Office

### **WOMAN'S DEPARTMENT**

*S. Helen Porter.....	Dean
Beatrice M. Graine.....	Assistant to Dean
Mary E. Davis.....	Matron, Housekeeping Division
Minnie E. Davis.....	Matron, Housekeeping Division
Lavenia Williams.....	Matron, Housekeeping Division
Leona C. Hughes.....	Matron, Housekeeping Division—Clerk Dean's Office

### **MILITARY DEPARTMENT**

Major Julius B. Ramsey.....	Commandant
Captain William H. Walcott.....	Assistant Commandant
Captain Benjamin E. Ammons.....	Assistant Commandant
Captain Victor H. Daniels.....	Assistant Commandant
Captain Frank L. Drye.....	Bandmaster
Addie D. Pollard.....	Matron
John D. Stevenson.....	General Secretary Y. M. C. A.
Captain Robert S. Darnaby.....	Stenographer, Commandant's Office

### **BUSINESS AGENT'S DEPARTMENT**

Ernest T. Attwell.....	Business Agent
Charles G. Kelley.....	Assistant Business Agent
Robert B. Greene.....	Stenographer
Joseph M. Dugas.....	Clerk
Thomas J. Murray.....	Clerk
Albert D. Foster.....	In Charge of General Stores
William A. Gaillard.....	Clerk, General Stores
Alma E. Smith.....	Clerk, General Stores
Willis I. Peek.....	Cashier, General Stores
Walter T. Shehee.....	Steward, Boarding Department
Susie A. Davis.....	Matron, Boarding Department
Mabel Bland .....	Matron, Boarding Department
Irene E. Greene.....	Matron Boarding Department

### **JOHN A. ANDREW MEMORIAL HOSPITAL AND NURSE TRAINING SCHOOL**

John A. Kenney, M. D.....	Medical Director
*A Maurice Curtis, M. D.....	House Physician

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\*Part of Term.

**FACULTY**

Rupert O. Roett, M. D.....	Interne
Evelyn G. Houston, Ph. D.....	Pharmacist
Nella M. Larsen.....	Head Nurse
Janie V. Armstead.....	Assistant Head Nurse
Celia E. Watkins.....	Matron
Edna M. Clanton.....	Stenographer

**BUILDINGS AND GROUNDS**

Alvin J. Neely.....	Superintendent
William Gregory.....	Assistant to Superintendent
W. F. Robinson.....	Florist, Greenhouse
Charles L. Diggs.....	Assistant

**DEPARTMENT OF ADMINISTRATION**

†Booker T. Washington.....	Principal
Emmett J. Scott.....	Secretary
Charles H. Fearing.....	Assistant to Secretary
Albon L. Holsey.....	Assistant to Secretary
John H. Palmer.....	Registrar
Nathan Hunt.....	Stenographer, Principal's Office
Florence E. Swain.....	Stenographer, Principal's Office
Mabel L. Sims.....	Stenographer, Principal's Office
E. Davidson Washington.....	Stenographer, Principal's Office, Clerk Executive Council
Lillian L. Childs.....	Filing Clerk, Principal's Office
Charles G. Campfield.....	Circulation Division
Mary Carson Cummings.....	Stenographer, Registrar's Office
George M. Moore.....	Stenographer, Registrar's Office
Robert A. Clark.....	Campaign Work

**TREASURER'S OFFICE**

Warren Logan.....	Treasurer
Thomas J. Ferguson.....	Assistant to Treasurer Secretary Business Committee
Moses B. Lacy.....	Cashier
Chambers C. Clayton.....	Assistant Cashier
Robert Gover.....	Cashier, Savings Department
Roy H. Howard.....	Stenographer
A. Henry May.....	Bookkeeper, Savings Department

**DIVISION OF CAMPAIGN PUBLICITY**

Charles W. Wood.....	In Charge
Frank P. Chisholm.....	Northern Financial Agent
Clarence A. Powell.....	Northern Financial Agent

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†Died November 14, 1915.



Jesse O. Thomas.....Northern Financial Agent  
 Rufus Sampson.....Northern Financial Agent  
 Walter L. Hutcherson.....Northern Financial Agent  
 Mitchell V. Scott.....Northern Financial Agent

# EXTENSION DEPARTMENT

Clinton J. Calloway.....Director  
 Booker T. Washington, Jr.....Assistant to Director  
 Isaac Fisher.....Assistant to Director  
 William M. Rakestraw.....Tuskegee Conference Agent  
 Lulla M. LaBranch.....Stenographer, Director's Office  
 \*A. R. Stewart.....Greenwood Extension Work

# CHIEF ACCOUNTANT'S OFFICE

Charles H. Gibson.....Chief Accountant  
 William H. Carter.....Cost Accountant  
 Elbert J. Jones.....General Bookkeeper  
 Gordon R. Thomas.....Institute Purchases and Sales  
 Henry C. Watson.....Students' Accounts  
 Johnette Clanton.....Students' Accounts  
 Althea M. Rochon.....Creditors' Accounts  
 Lena A. Lewis.....Customers' Accounts

# DIVISION OF RECORDS AND RESEARCH

Monroe N. Work.....In Charge  
 Viola L. Reed.....Stenographer

# THE SOUTHERN LETTER

†Booker T. Washington.....Editor  
 Frank P. Chisholm.....Business Manager

# THE TUSKEGEE STUDENT

Emmett J. Scott.....Editor  
 Charles H. Fearing.....Associate Editor  
 Albon L. Holsey.....Associate Editor

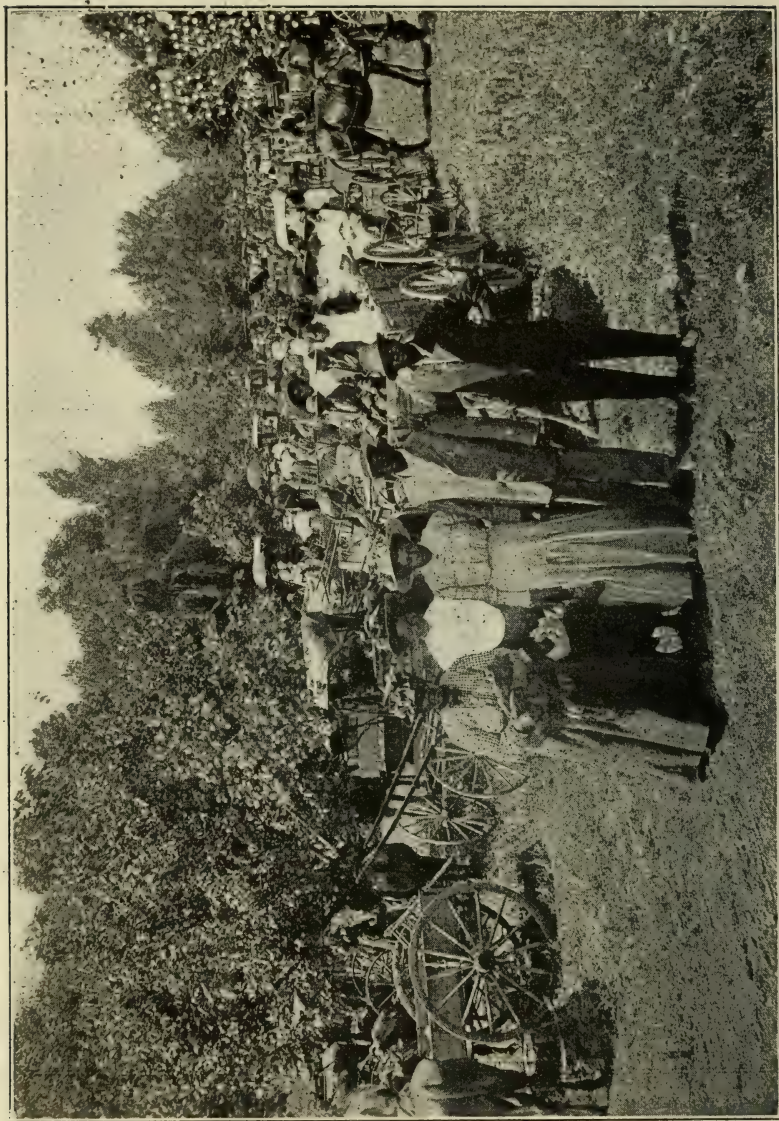
# TUSKEGEE INSTITUTE POST OFFICE

James B. Washington.....Postmaster

\*Part of Term.

†Died November 14, 1915.

SOME COMMENCEMENT VISITORS



# GENERAL STATEMENT

## LOCATION

Tuskegee is situated near the center of the State of Alabama, forty miles east of Montgomery and one hundred and thirty-six miles west of Atlanta. It is one of the most beautiful towns in the State, with a population of cultured and generous people. The school is one mile from the town, upon a site overlooking all the adjacent country. The scenery about it is not excelled in the whole South. The climate is salubrious and unsurpassed for healthfulness. Tuskegee Institute is five miles from Chehaw Station, on the line of the Western Railroad of Alabama, with which it is connected by the Tuskegee Railway. The Western Union and Postal Telegraph Companies and the Southern Express Company have offices in town.

## ESTABLISHMENT

The school was established by an act of the Alabama legislature, session of 1880 as the Tuskegee State Normal School. Its first session July 4, 1881, opened in a rented shanty church, and was first taught by the late Booker T. Washington, who remained as the active head of the institution until his death, November 14, 1915. In 1893, the institution was incorporated as the Tuskegee Normal and Industrial Institute.

## AIM AND METHOD

The object of the Tuskegee Institute is to provide young colored men and women an opportunity to learn a vocation, and to gain a sound, moral, literary and industrial training so that when they leave the school they may, by example and leadership, help to change and improve the moral and industrial condition of the communities in which they live.

The methods of instruction employed aim to correlate and combine the academic studies and industrial training in such a way as to emphasize the social and moral significance of skilled labor and at the same time illustrate, in the shop and in the field, the practical meaning of the more abstract teaching of the class room.

Phelps Hall Bible Training School is designed to fit young men and women for the ministry and other forms of Christian work, particularly in country communities.

The school opened in 1881 with one hundred acres of land and three small buildings. At the close of the term, May, 31, 1915, it



owned 112 buildings, 2,110 acres of land, about 350 head of live stock, wagons, carriages, farm implements and other equipment amounting in value to \$1,576,062.20. In February, 1899, Congress gave the school 25,000 acres of mineral land, 5,100 acres of which have been sold and the proceeds applied to the endowment fund. The remaining 19,900 acres of this land is now valued at \$250,000.00. This sum added to the present endowment fund will give the institution \$2,195,326.17 as a permanent endowment. The total value of all property, real and personal, owned by the school, and including the endowment fund, amounts to \$3,762,388.37.

### BUILDINGS

THE OFFICE BUILDING, located on the main thoroughfare of the school grounds, is a handsome three-story structure of 28 rooms, in which are located, in addition to the Tuskegee Institute Bank and the Government Post Office, most of the administrative offices of the school.

THE DINING HALL, known as TOMPKINS HALL, in memory of Charles E. Tompkins, of Southport, Conn., is the largest and most imposing building on the school grounds. It contains a dining room large enough to seat the 180 boarding teachers, together with the 1,600 students of the school, and contains, in addition, an assembly room large enough to seat 2,500 persons.

THE COLLIS P. HUNTINGTON MEMORIAL BUILDING which, until the erection of the Dining Hall, was the largest building on the school grounds, was given by Mrs. Collis P. Huntington in memory of her husband. In this building all of the academic work of the school is carried on.

THE JOHN A. ANDREW MEMORIAL HOSPITAL was dedicated and formally opened on February 21, 1913. The building is given in memory of her grandfather, Former Governor John A. Andrew, of Massachusetts, by a Boston friend of the school. The building cost \$50,000, and \$5,000 additional was provided for equipment. The Hospital is a two-story brick structure and is located west of the old hospital. In plan, it is in the shape of the letter "E." The site on which it stands is one of the high points of the school grounds and overlooks almost the entire campus.

Phelps Hall Bible Training School, the Armstrong-Slater Memorial Trades Building, the Millbank Agricultural Building, Dorothy Hall, the Children's House, and the Carnegie Library are described in detail elsewhere in this catalogue.

There are being erected a Laundry building and a Veterinary Hospital, the former to cost \$13,000 and the latter \$5,000. The



money for each of these buildings has been provided. The buildings will be of brick construction and should be ready for occupancy during the summer of 1916.

## THE DORMITORIES

OLIVIA DAVIDSON HALL, a dormitory for young men, is one of the older buildings. It is a three-story brick structure, heated and lighted from the central heating and lighting plant from which nearly all the buildings on the grounds are now heated and lighted.

THRASHER HALL, named in memory of Max Bennett Thrasher, of Westmoreland, N. H., a devoted friend of the school, is a three-story brick building and one of the best arranged boys' dormitories on the grounds.

CASEDY HALL was formerly occupied by the mechanical industries. It is now a dormitory for young men.

ROCKEFELLER HALL, given by Mr. John D. Rockefeller, is a three-story brick building, providing room for 160 young men.

EMERY HALLS, NOS. I, II, III, AND IV, are gifts of the late Miss Julia E. Emery, of London, England. They are two-story brick dormitories for young men, located near the Armstrong-Slater Memorial Trades Building.

HUNTINGTON HALL, a two-story brick building, is the gift of Mrs. Collis P. Huntington. It contains 23 rooms with a basement and attic, and is used as a girls' dormitory.

DOUGLASS HALL, named in memory of Frederick Douglass, is a girls' dormitory. It contains an assembly room, seating 750 persons, besides 33 rooms for young women. It is two-story, brick, with piazzas on three sides of the building.

THE WHITE MEMORIAL HALL, erected in memory of Alexander Moss White of Brooklyn, and the gift of a number of his heirs, is a dormitory for girls. It was opened in the fall of 1909 and dedicated on February 22, 1910. It is the center of life for the girls.

TANTUM HALL, the gift of Miss Margaret W. Tantum, of Trenton, New Jersey, in memory of her father, is a dormitory for girls, Colonial style, and of pleasing appearance. It is one of the handsomest and most complete buildings on the grounds.

## CARNEGIE LIBRARY

CARNEGIE LIBRARY is a two-story brick structure, built in Colonial style at a cost of \$20,000. The first floor contains a stack

room, reading room, librarian's office, and two rooms used for magazines and newspapers. On the second floor, an assembly room which seats 225 persons, two study rooms, magazine room, and a room used as an Historical Museum.

The Library is open to students and teachers from 7 a. m. to 9 p. m., every day in the week. A reading circle which meets twice a month, open to all members of the Senior Class, is conducted by the librarian with the assistance of members of the Faculty. The purpose of this Reading Circle is to make the students acquainted with some of the best literature, and to direct and inform them in regard to the use of the Library and the selection of books.

### LITERARY SOCIETIES

The students maintain ten literary and debating societies: The Liberty Debating Society, the Willing Workers' Debating Club, the Natural History Debating Club, Stokes Ministers' Union, Washington Literary Society, Phyllis Wheatley Literary Society, Careful Builders and Little Women's Debating Clubs, Hope and Acme Club, and a Temperance Society. Meetings are held every Saturday night. Representatives of the societies meet annually in public debate.

For the past two years, Post-graduate students have maintained a self-governing body known as the Inter-Se Club, which is composed of the following departments: Reading Circle, Literary, Sunday School, Men's Meeting, Athletic, Social and Publication. The publication department issues a monthly magazine, known as the "Monthly News."

### RELIGIOUS EXERCISES

There are five voluntary religious organizations maintained by the students: Young Men's Christian Association, Young People's Society of Christian Endeavor, The Young Women's Christian Temperance Union, The Young Women's Christian Association, and the Edna D. Cheney Missionary Society.

Students are required to attend Sunday School and church services every Sunday.

### CHAPEL EXERCISES

Teachers and students assemble on Tuesdays and Thursdays in the assembly room beneath the dining room for devotional exercises. On Monday and Wednesday evenings devotional exercises are held in the dining room. These exercises consist of reading the Scriptures, a brief prayer by the Principal, or some member of the Faculty, and singing by the whole school. At this meeting the announcements for the following day are made to the student body. Friday night, the students meet for prayers at different points on the school grounds. Sunday morning at nine o'clock young men

and women meet together for volunteer Bible study. Every Sunday evening at six-thirty o'clock devotional exercises are held in the Institute Chapel.

### SCHOOL PUBLICATIONS

The Tuskegee Student is a bi-monthly newspaper devoted to the interest of students, teachers and graduates.

The Southern Letter, a monthly publication, is a record of the work of graduates and former students and goes to persons outside the school who are interested in its work.

The Messenger is a county newspaper for the encouragement of the work in the public schools of the county and for instruction of the farming community in agriculture and is published under the direction of the Extension Department.

### MILITARY TRAINING

The military system has been introduced among the young men of the school to cultivate habits of order, neatness and obedience. Military drill, the "setting up" drill, furnish regular exercises and aid in promoting a manly bearing among students. Wooden guns are used. The companies are officered by students who are commissioned by the Institute Commandant.

### GYMNASTICS

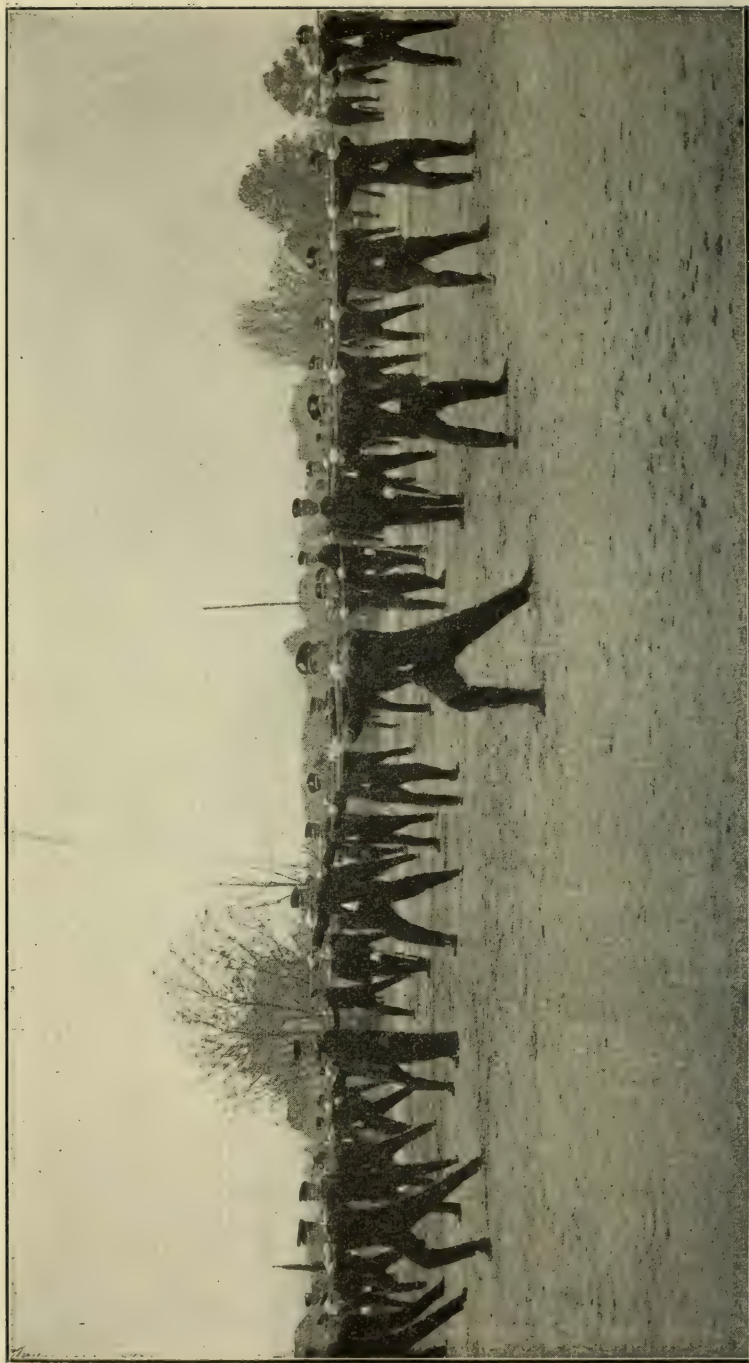
Special attention is given to gymnastics for women. This is to improve the general carriage of the girl students, induce healthy respiration and circulation, and counteract evils of habitually incorrect position.

The work, which is conducted under the charge of a trained woman teacher of gymnastics, follows the free standing movements of the Swedish or Ling System. A well appointed gymnasium for young women is provided in the Collis P. Huntington Memorial Building.

### SPORTS

The gymnastics and sports of the young men, outside of the exercises of the Military Drill, are carried on under the charge of the director of the Y. M. C. A. They include football, baseball, basketball, and cricket. The school grounds are also provided with a number of tennis courts, which are used for the most part by the teachers.





CADETS EXERCISING ON THE INSTITUTE DRILL GROUNDS



# GENERAL REGULATIONS

## ADMISSION OF STUDENTS

**Applications:** Persons desiring to enter the institution should satisfy themselves before leaving home, either by writing to the Principal or by consulting the catalogue, that they are able, in every way to meet the requirements for admission. Application for admission should be made directly to the Principal, who will notify such persons when their applications are accepted. Prospective students will save themselves annoyance and needless expense if this statement is heeded. No applicant should present himself without definite permission to enter the school. A catalogue will be sent to any address upon receipt of six cents postage.

Upon arrival at the school, new students should present themselves at the Principal's office for examination.

Students are expected to enter promptly at the beginning of the session and remain until the close. The school term begins on the second Tuesday in September and closes the last Thursday of the following May.

**Requirements:** No person will be admitted to the school as a student who cannot pass examination for the C Preparatory Class. To enter this class, one must be able to read, write and understand addition, subtraction, multiplication, and division. Students entering the Day School are required to pass the examination of the B Preparatory Class, since there is no C Preparatory Class in the Day School.

All applicants must be of good moral character and must bring letters of recommendation from at least two reliable persons, residents of their communities.

**The Day School:** The Day School is intended for those students who are able to pay all or the greater portion of their expenses in cash. Students are required to attend school for three days each week, and to work each alternate work-day at some trade or industry.

Applicants for admission to the Day School must not be less than 14 years of age, of good physique and able to pass the examination for admission to the B Preparatory Class.

**The Night School:** The Night School is designed for young men and women who earnestly desire to educate themselves, but who are not able to pay the small charge made in the Day School. Students will not be admitted to the Night School who can afford to enter the Day School. Requirements for entering the Night School are nearly the same as for admission to the Day School. Applicants must be 16 years of age, instead of 14, and physically able to perform an adult's

labor. Students who fraudulently gain admission to the Night School must, upon discovery of the deception, either enter the Day School or leave the institution.

Trades are assigned as nearly as possible in accordance with the student's desire. In assigning young men and women to a trade, their mental ability to comprehend and physical ability to perform the duties required are carefully considered. Frequently at the beginning of the school year it happens that places in certain of the industries are quickly filled. In such cases applicants for places in these industries are assigned to some other division until a vacancy occurs.

### EXPENSES

The necessary expenses of a student at Tuskegee are small. It is intended, so far as possible, that no diligent, worthy student shall leave the Institute because of a lack of means.

Tuition is free to all students. Charges for board, etc., are:

Entrance fee .....	\$10.00
Board per month .....	10.00

Books, estimated for different classes:

Junior Class .....	\$ 4.50
B Middle Class .....	5.30
A Middle Class .....	6.75
Senior Class .....	6.75
A Preparatory .....	3.70
The C and B Preparatory Classes, each..	2.50

The entrance fee, which is charged over and above all other expenses, as well as the cost of books, must be paid in cash.

Day School students are given an opportunity to work out from \$1.50 to \$3.00 per month on their board, thus leaving from \$6.00 to \$7.50 to be paid in cash. The labor of students must be satisfactory in order to be accepted as part payment for board. Economical, enterprising students rarely fail to remain in school, some of them working out as much as half of the cost of their board. It should be understood, however, that the institution does not guarantee that a student will be able to work out any definite portion of the cost of his schooling. The amount earned will vary according to the value of the work done and the diligence with which the student applies himself.

When students do not settle their accounts by the fifteenth of the month, they are liable to suspension from their classes until the accounts are paid. It is urged that parents pay students' accounts promptly, since a student, who is suspended and required to work for his board, is likely to fall behind in his classes, and thus become discouraged and generally unfit for school duties.

With a good outfit of clothing, including uniform, and after providing for books, entrance fee, etc., \$70 to \$75 to be paid in cash for

board should be sufficient to carry an industrious student through a term of nine months in the Day School.

Night School students work during the day on the farm or at some other industry and attend school for two hours at night, five nights in the week, for a year or more. In some cases Night School students are permitted to choose and work at their trade while in Night School. Such students are paid for their work according to its value. When their earnings are not sufficient to cover their board, the difference is to be paid in cash.

By putting in full time and doing satisfactory work, Night School students not pursuing a trade have an opportunity to earn the cost of their board, and what may be earned over this amount is placed to their credit in the Institute Treasury to help pay their board as they pursue their studies. In special cases students are permitted to draw on their accounts, by orders, for books, clothing, etc. Agricultural students alone are permitted to receive a small proportion of their wages in cash.

### CLOTHING

Girls: It is of the greatest importance, not only in the interest of their health, but as an aid in teaching economy and correct ideas of dress, that girls be properly clothed. Every girl entering school should bring with her good shoes, a pair of rubber overshoes, an umbrella and a raincoat. Warm and comfortable underclothing, woolen if possible, should be provided for winter. The institution cannot be responsible for the health of girls not properly clothed.

Young women are required to wear a navy blue uniform dress and hat. Simplicity and economy in matters of dress are insisted upon. The cost of a uniform dress is \$2.25; a hat \$2.00. It is expected that girls in the Day School will provide themselves with gymnastic suits.

In addition to the uniform dress and hat, which all girls are required to purchase, it has been decided that young women must provide themselves with a uniform coat to be made of heavy dark blue woolen material. The cost of this coat will be from \$6.00 to \$8.00 according to quality. The coat must be provided upon entering school and may be purchased at the school.

Young women should also bring substantial shirtwaists and school dresses, a good supply of stockings, towels, table napkins, comb, brush, a tooth-brush, toilet soap, shoe polish, writing paper, envelopes, stamps, pen, ink, etc.

They should not bring dresses made of silk, satin, velvet, and fine laces, or valuable jewelry, watches, etc.

Boys: Young men of the Day and Night School are required to provide themselves, on entering, with the full uniform consisting of coat, trousers, and military cap. This regulation is rigidly enforced.



The color of the uniform is dark blue, and it may be purchased at the school's Tailor Shop at the bare cost of material and making.

The cost of the uniform for young men is:

Coat .....	\$6.60
Trousers .....	4.50
Cap .....	1.50

A uniform made of better and more expensive material can be purchased at the school's Tailor Shop by those desiring it. In the shops, on the farm, and at other industrial work, young men are required to wear overalls with which they must provide themselves. These likewise may be obtained at the school.

Young men should also bring a sufficient supply of serviceable underwear, at least two night shirts, in addition to table napkins, shoe polish, tooth-brush, comb, brush, towels and soap.

## DISCIPLINE

The rules and regulations governing the school are designed to promote the welfare and happiness of all.

Each student is required to have a Bible.

No student is allowed to leave the grounds without permission.

Male students, when permitted to leave the grounds, must wear the regulation cap.

No young woman is permitted to leave the grounds of the Institute unless accompanied by a lady teacher.

The Institute has adequate facilities for bathing, and all students are required to bathe at stated periods. Bath houses for young men and women with swimming pools, and shower bath appointments afford every facility in this regard.

Regular habits of rest and recreation are insisted upon.

The use of intoxicating drinks and tobacco are strictly forbidden. Dice-playing and card-playing are positively prohibited.

Students are not permitted, while in school, to take part in any political mass meeting or convention.

Students are liable to be dropped for inability to master their studies, irregularity of attendance, or for any failure, after due notice has been given, to comply with the regulations of the school.

The demerit system has been adopted by the school as the principal method of discipline. Thirty-three and one-third demerit marks constitute a "warning." A student is liable, after receiving three warnings, to suspension or expulsion, according as the Executive Council may determine.

All non-resident students are expected to board at the school, unless there is some good reason to the contrary.



Students are not registered for a shorter period than one month; those who leave before the end of the month are charged for a full month's board.

Students who desire to leave the school are required to ask their parents or guardian to write directly to the Principal for permission to do so.

The Dean of the Women's Department meets the young women of the school every Friday afternoon. The Commandant meets the young men every Saturday evening. These meetings give an opportunity for frank and straightforward statements in regard to the reciprocal duties of the Institute and the student, which serve to correct errors and stimulate a sense of loyalty among the students to the discipline of the school. No student is excused from these meetings except by special permission.

Students who sign a contract to work a specified time at some trade or other work must obtain a release from their contract before application for a permit to leave the school will be considered.

Students under a contract will be punished by formal dismissal for leaving without permission and will forfeit whatever cash there may be to their credit in the school's treasury. Students must settle their accounts before leaving.

Remittances in payment of bills should be sent by Post Office Money Order, Registered Letter, or Check, and made payable to the Principal or Treasurer, and not to the student.

Students are not allowed to retain firearms in their possession. The Commandant of Cadets will take possession and give receipts for any such weapons brought upon the school grounds.

Low or profane language will subject a student to severe discipline. Students are liable to reprimand, confinement or other punishment.

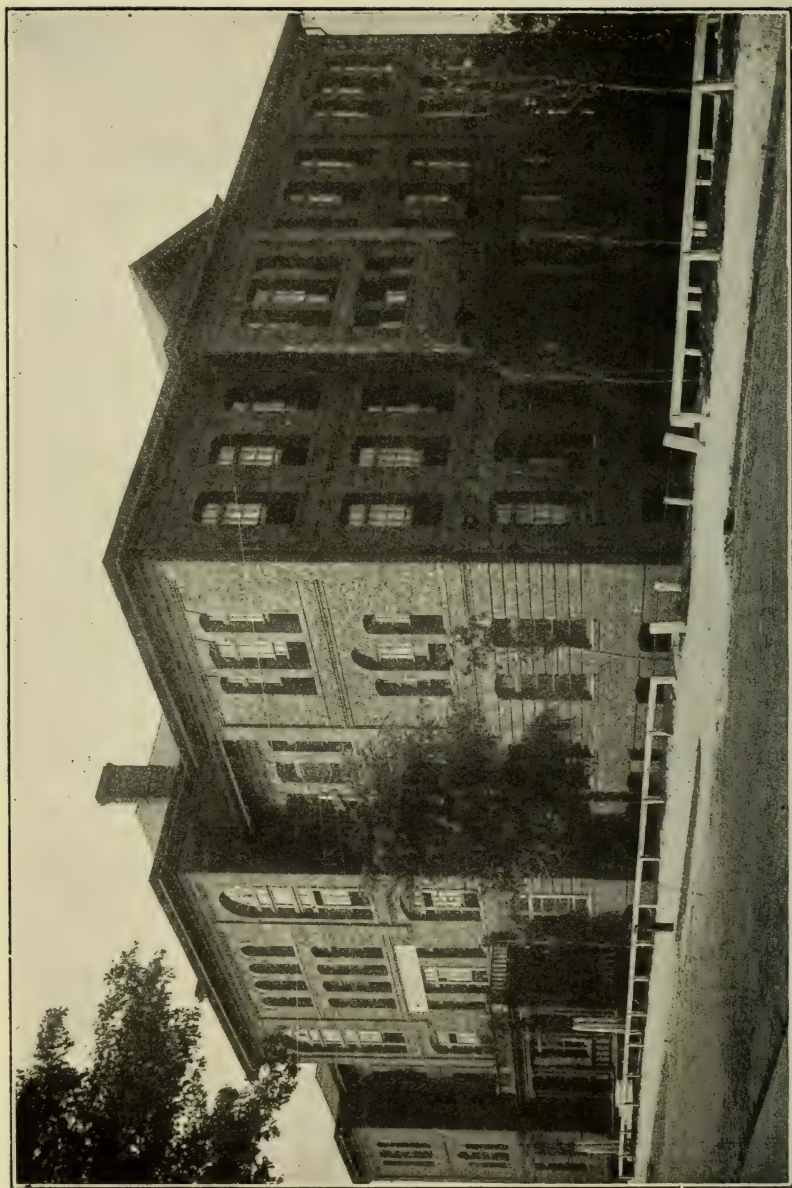
Letter writing is subject to regulation. Students are urged to write to their parents at least once a week.

Wardrobes and rooms of students are at all times subject to inspection and regulation by proper officers; and regular and thorough inspection of same is made from time to time.

## VACATION AND HOLIDAYS

Legal and special holidays are observed. Further information, if desired, will be cheerfully furnished by

ROBERT R. MOTON, Principal-Elect,  
Tuskegee Institute, Alabama.



COLLIS P. HUNTINGTON MEMORIAL — ACADEMIC BUILDING

## THE ACADEMIC DEPARTMENT

Every pupil of the Institute is enrolled in the Academic Department. The student body is divided into Day School pupils and Night School pupils. The Night School pupil attends Academic exercises from 6:45 to 8:30 o'clock five evenings every week. The Day School pupil attends Academic exercises three days every week from 9:00 to 12:00 and from 1:30 to 4:00 o'clock. The student is thus alternately one day in school and one day at his or her trade.

The Academic course embraces seven years' work, divided into two periods, one of three and the other of four years. The first three years are given to preparatory work. The remaining four years constitute the Normal Course proper. The year is divided into two terms of about four and one-half months each.

Throughout the entire course there is the closest correlation between the Academic and Industrial Divisions. Much of the work on the days in which the Academic studies are taken is a continuation of the work which is done in the various Industrial Divisions on the other days. This is made possible by the fact that every teacher in the Academic Department visits the Industrial Divisions every week and comes in closest touch with the industrial teachers and the processes of the various trades.

The following is the course of study for the four years of the Normal School proper:

### DAY SCHOOL: JUNIOR CLASS

Reading	Concrete Geometry and Drawing
Grammar	American History
Arithmetic	Hygiene (Half year)
	Agriculture (Half year)
	Gymnastics for girls

### DAY SCHOOL: B MIDDLE CLASS

Reading	Botany (Half year)
Grammar and Composition	Civics (Half year)
Ancient History	Commercial and Industrial Geography
Algebra & Applied Arithmetic	Gymnastics for Girls

### DAY SCHOOL: A MIDDLE CLASS

<i>Required</i>	<i>Elective</i>
Reading including Spelling	Bookkeeping
Composition and Rhetoric	Physics

Algebra and Plane Geometry	Chemistry
	History of Education (for all who are to be Industrial and Academic teachers)
	Modern History

## A MIDDLE CLASS

The students of the A Middle Class are required to take five subjects. In addition to the three definite subjects named in the required list, the student shall elect two subjects from the electives. The elective of at least one of these two subjects must be determined by the trade or vocation of the student.

## DAY SCHOOL: SENIOR CLASS

<i>Required</i>	<i>Elective</i>
English Composition and Literature	Practice at Children's House (Half year for Teachers) (Half year for Teachers)
	Physics
	Psychology (Half year for teachers)
	Methods and Management (Half year for Teachers)
	Primary Methods (Half year for Teachers)
	Economics and Industrial History
	Bookkeeping
	Solid Geometry
	Physics
	Chemistry
	Negro History

## SENIOR CLASS

All students in the Senior Class are required to take four subjects. In addition to the one subject (English) named in the required list, the student shall take three other subjects from the list of electives; at least two of such subjects shall be chosen according to the demand of the student's trade or profession.

## ENGLISH

English is taught in every class from the C Preparatory through the Senior. Two themes a month are required of all day students throughout the school year. One of these themes each month is on



the student's trade. The purpose here is to intensify the student's knowledge of his trade as well as to cultivate in him the art of expression.

#### C PREPARATORY CLASS

First Term: Language study begins. The pupil is taught to express simple ideas gathered from his own experience. The course includes the simple forms of grammar, the use of capitals, punctuation, abbreviations, simple paragraphing and letter writing.

Second Term: The work of the first term continued.

Reader: Stepping Stones to Literature, Book III.

Penniman's Practical Speller.

#### B PREPARATORY CLASS

First Term: In this class more advanced principles of grammar are studied. A student is taught to analyze his own thoughts and is given practice in expression by discussing his trade and the life about him.

Second Term: The work of the first term continued.

Text: Emerson & Bender Book I.

Penniman's New Practical Speller and Word Study.

Reader: Stepping Stones to Literature, Book IV.

Supplementary Reading: Black Beauty.

#### A PREPARATORY CLASS

First Term: The study of grammar is continued; study of rules and definitions concerning grammatical structure of the sentence.

Analysis and inflection are begun, and special rules for the use of the various cases are studied and applied.

Composition: Regular and semi-monthly themes. One on the student's trade and one assigned by the English teacher. Attention is given to the development of a paragraph from a given topic sentence; letter writing and general correspondence.

Second Term: The work of the first term continued.

Text: Emerson and Bender, Book II.

Penniman's New Practical Speller and Word Study.

Reading: Stepping Stones to Literature, Book V.

Supplementary Reading: Biographical Sketches.

#### JUNIOR CLASS

First Term: Study of formal grammar continued, including the conjugation, inflection and synopsis of verbs. A careful study is made of phrases and clauses in their different forms and uses.

Composition: Regular semi-monthly themes. Writing frequent descriptions and narrations of scenes and incidents from the daily life of the student.

Stress is laid upon the writing of letters, familiar and business letters of application, invitations, formal and informal.

Second Term: The work of the first term continued.

Text: Emerson and Bender, Book II.

Reader: Stepping Stones to Literature, Book VI.

Penniman's Speller and Word Study.

Supplementary Reading: Longfellow's Evangeline, How to Live Longer.

#### B MIDDLE CLASS

First Term: The study of advanced grammar continued. Special attention is given to the development of words from their roots. A thorough study of the subjunctive mode and its uses in English.

Composition: Writing of themes on subjects chosen with a view to calling into play and developing the student's imaginative powers. Short essays requiring light research work will be required. Frequent oral and written exercises in exposition and argumentation will be given.

Letter writing given a large place in the composition work.

Second Term: The work of the first term continued.

Text: Reed and Kelloggs' High School Grammar.

Reader: Stepping Stones to Literature, Book VII.

Supplementary Reading: Current Magazines, Periodicals, and Up from Slavery.

#### A MIDDLE CLASS

First Term: A thorough review of grammar and punctuation. Theory of composition begun. Exercises, oral and written, in restating written and spoken ideas. Exercises in expression of the pupil's own thought by: 1. Description from observation. 2. Narration from experience.

Emphasis laid upon letter writing from the standpoint of its importance as a form of composition.

Study of the paragraph as a unit of composition. Development of the isolated paragraph and the combination of paragraphs that are closely related.

Words studied from the standpoint of their use in expressing different shades of meaning.

Constant practice in writing. Subjects assigned requiring read-

ing and research work in the Library. Essays rigidly marked for grammatical correctness and literary form.

Second Term: The work of the first term continued.

Text: Brooks' English Composition.

Reading: Elson's Reader, Book VIII. The Merchant of Venice.

Supplementary Reading: The Ancient Mariner. Thanatopsis.

#### SENIOR CLASS

First Term: Composition continued, English Literature and Public Speaking.

Literature: The aim in this course is to cultivate in the student a taste for the best books and to introduce him to the best models of literary form. To the end the following will be read: Essay on Milton, Macaulay; Self-Reliance, Emerson; Autobiography, Franklin.

Second Term: Composition continued. The following will be read: Milton's Minor Poems, Vicar of Wakefield, Goldsmith; Education for Efficiency, Elliot.

Public Speaking: This course deals with platform manners, literary gestures and controlling the voice. Topics of every-day experiences along with the study of biography, history and the general make up of the subject matter, both for written addresses and for extempore speaking.

#### POST-GRADUATE ENGLISH

*(Required)*

This course is for students who are taking special work, having been graduated from this school, or some other school of equal standing.

History of American Literature, dealing especially with the early life of the people and the conditions from which their literature sprang.

The following authors will be read: Irving, Tales of a Traveler, Poe's Gold Bug, and the books required for second grade English examination in the State of Alabama.

#### RHETORICALS

Class rhetorical are held in the Junior and B Middle Classes at least once a month.

Public rhetorical are held with the A Middle and Senior Classes throughout these two years every two weeks, in the Academic Assembly Room or in the Assembly Room of Tompkins Hall. The material for such exercises is obtained from the industrial and academic studies, and is then organized into themes which, after correction by the

teacher, are committed and delivered by the pupils before the whole school.

Literary societies, open to all, meet weekly under the management of the students and the supervision of a committee of academic teachers.

### MATHEMATICS

In every course in mathematics the subject is developed in close relation to its uses in the various trades in which the students are engaged. Actual problems arising in the trade work of the students are brought into the class room for solution. Recitations are by no means confined to mere class-room exercises, but are held in the shops or fields whenever such action is found necessary to the full understanding of a problem under consideration.

The course embraces the following:

For Undergraduates: 1. Arithmetic. 2. Algebra. 3. Concrete Geometry. 4. Plane Geometry.

The course in Arithmetic is largely confined to thorough instruction in the principles underlying the solution of problems of the kind mentioned above.

Algebra is closely correlated with Arithmetic, emphasis being placed upon its practical side.

The course in Concrete Geometry, required of all Juniors, is designed to give the student systematic instruction in the properties of the ordinary geometrical figures. This course is a necessary preparation for instruction in the trades, and this fact dominates the spirit of the instruction.

In Plane Geometry the most important propositions are demonstrated. These propositions are for the most part grouped about the investigation of the geometry involved in the structure and use of various tools, and in the industrial operations carried on by the students.

In Plane Geometry the most important propositions are demonstrated. Original exercises and practical problems are given throughout the course.

### C PREPARATORY CLASS

First Term: Review four fundamental processes. Reduction of common fractions. Simple business problems.

Second Term: Fundamental operations with fractions. Applications.

### B PREPARATORY CLASS

First Term: Addition and subtraction of fractions. Trade problems.



Second Term: Multiplication and division of fractions. Weights and measures.

#### A PREPARATORY CLASS

First Term: Common fractions. Decimal fractions. Practical problems involving decimals.

Second Term: Areas. Volume. Rectangular solid and cubes.

#### JUNIOR CLASS

First Term: Review common and decimal fractions. Problems of business.

Second Term: Review mensuration of various geometrical forms. Simple percentage. Business applications.

Text: Woodard's Arithmetic.

#### B MIDDLE CLASS

First Term: Review arithmetic. Percentage, commission, discount, interest.

Second Term: Square root. Mensuration of solids. Cube root. Addition, subtraction, multiplication and division of algebraic expressions. Algebraic equation. Factors.

#### A MIDDLE CLASS

First Term: Review fundamental processes of algebra. Factors and multiples. Addition and subtraction of fractions.

Second Term: Multiplication and division of fractions. Fractional equations. Simultaneous equations. Square root. Cube root. Quadratics.

#### SENIOR CLASS

First Term: Plane geometry. Similar figures. Practical applications.

Second Term: Plane geometry. Circle. Trade problems.

#### ECONOMICS, HISTORY AND GEOGRAPHY

The earth is studied as the habitation of man. The student is led to think of civilization as largely the outcome of physical and geographical conditions. Emphasis in instruction is placed upon actual observation through visits to the surrounding grounds, to the various shops, and to type industries.

## C PREPARATORY CLASS

First Term: Home Geography; the soil, plant growth, gardens, the forests and industries. Direction and location of paths, roads and railroads with reference to the Institute grounds and buildings. Shore forms, seaports and other cities. Tuskegee, Macon County, and the State of Alabama.

Second Term: The earth as a whole; form and size; the continents, seasons and zones. General features of each continent, industries and government. Study of the United States by topics, and of North America as related to other continents, especially Europe.

Text; First Book in Geography, Frye.

## B PREPARATORY CLASS

First Term: General Geography; physiography of North America in simplest terms; political divisions of North America. Intensive study of the United States as a whole and by topics. New England States; Middle Atlantic States; Southern States; Central States.

Second Term: Western States; Territories and Dependencies of the United States. Countries North of the United States; Countries South of the United States, and the remaining Islands of the West Indies. South America. Intensive study of Argentina, Brazil and Chile.

Text: Tarr & McMurray's Geography, Book II.

## A PREPARATORY CLASS

First Term: Europe. Intensive study of British Empire, Germany, France with reference to the commerce and life of the other nations.

Second Term: Asia. Intensive study of Japan, China, and India. Africa. Intensive study of the Nile Valley, the Congo Basin, Liberia and South Africa. Study of one well organized native kingdom—its arts, markets, political and social organizations. Australia and island groups.

Text: Tarr & McMurray's Geography, Book II.

## HISTORY

History is studied to show the growth of man and the ideals of the nations he has formed. It gives to the student the logic of cause and effect.

## JUNIOR CLASS: AMERICAN HISTORY

First Term: Period of the discovery and naming of America.

Explorations and early attempts at settlements, 1492-1607. Colonization of America. French and Indian wars. The Revolutionary War. The new nation organized.

Second Term: War of 1812. The growth of national feeling; protective tariff and free trade. Slavery and Western extension of territory. Tariff and nullification. Slavery and the Civil War. The reconstruction period. The new South. New problems, arbitration, labor troubles, civil service reform, education, expansion.

Text: Leading Facts in American History; Montgomery.

#### B MIDDLE CLASS: ANCIENT HISTORY

First Term: The Oriental nations. Greece, Athenian supremacy. The conquests of Alexander the Great. Greek society and learning, industries and government.

Second Term: Rome. Classes of society and class struggles. Land conditions. The last century of the Republic. The Empire. The division and decline of the Empire. Western Europe; the church and monasticism; Mohammed; the Empire of Charlemagne.

#### B MIDDLE CLASS: CIVICS

*(Half Year)*

Second Term: The sources of the constitution, successive steps in self-government in the colonies. National, State, county, city government. The duties and responsibilities of citizenship, civic spirit, civic progress, law enforcement and obedience to law.

#### B MIDDLE CLASS: COMMERCIAL AND INDUSTRIAL GEOGRAPHY

First Term: A study of general geographic influences with reference to production, agriculture, with cotton as the main study—its production, preparation for market, transportation and manufacture.

Second Term: Foodstuffs, wheat being used as a type study. Clothing and clothing materials. Houses and house materials. Constant study of trade routes, transportation and communication lines, and of exports and imports.

#### A MIDDLE CLASS: THE NEGRO IN AFRICA

Throughout the year the class will make a study of Africa, the continent, its resources and political conditions. Especial attention will be given to the natives, their habits of life, their past and present history. Among the topics discussed will be Africa, a land of antiquity; native tribes; Negro kingdoms; native myths, fables, music, writing, industries, arts, religion, modern conditions.

## A MIDDLE CLASS: MODERN HISTORY

First Term: The age of Revival. Feudalism and Chivalry. The Norman Conquest of England. The Crusades, extent and influence. The formation of modern European nations. The Era of Reformation. Geographical discoveries. The ascendancy of Spain. The Thirty Years' War. The Era of Political Revolution.

Second Term: France under Louis XIV; England under the Stuart kings. England in the eighteenth century. The French Revolution. Economic conditions in France. The world-wide demand for Democracy. Europe since 1815. Expansion in the nineteenth century. The influence of the United States as a world power.

Text: *A Short History of Mediaeval and Modern Times.*—Myers.

## SENIOR CLASS: THE NEGRO IN AMERICA

First Term: A study of slavery; how instituted; the first slaves. Slavery as a domestic institution, an industrial institution, and political institution. The underground railway. Emancipation and Reconstruction.

Second Term: The place of the Negro in American life. His contribution as a sailor and explorer, and as a soldier. The Negro church and school; Negro music and art; the Negro in business. Economic standing of the Negro. Negro uplift.

References: the Census reports; *The Story of the Negro*—Washington; *History of the Negro*—Brawley; *The Negro in American History*—Cromwell.

## SENIOR CLASS: ECONOMICS AND INDUSTRIAL HISTORY

The fundamental principles of Economics are studied in a simple manner. Thrift, efficiency, land ownership, and the proper social and physical environment are emphasized as necessary to a people's progress.

First Term: A study of the early stages of industrial development. Consumption of commodities. Production of utilities. Modern organization of business. Money, credit and banking.

Second Term: Distribution. Value of labor organizations; the standard of living. Socialism; public finance. History of industry; raw material; steam and machinery. Types of industries; problems of living; population; health; race efficiency.

Text: *Elementary Principles of Economics*, Ely and Wicker.



## NATURAL SCIENCE

The work consists largely of (1) a series of progressive experiments; (2) solutions of practical problems from the trades; (3) observation work in the shops, in the Experiment Station, and on the school farm.

## CHEMISTRY: A MIDDLE CLASS

First Term: Elementary Chemistry. Lectures, recitations, and laboratory experiments together with observation and study of local materials affording information on this subject. The laboratory work supplements and closely follows in order the treatment of the subjects in the recitation and lectures, and serve to illustrate the principles. The experiments are made under the immediate supervision of the instructor and include manipulation of simple apparatus, selected qualitative and quantitative experiments, a study of the laws of chemical action and of the properties and preparation of some important elements and compounds.

Second Term: The work of the first term continued.

## ANALYTICAL CHEMISTRY: SENIOR CLASS

First Term: Qualitative Analysis: This course is given by means of lectures, recitations and laboratory work, the greater portion of the time being given to laboratory work. The course consists of a series of carefully arranged experiments intended to bring out the distinct properties of the various metals and acids with a study of the reactions involved. Special emphasis is placed on the modern theories of equilibrium, ionization, and mass action. Some attention is given to the qualitative analysis of salts, clays and boiler scale.

Second Term: The work of the first term continued.

Special Chemistry: This course is offered to the young ladies of the Senior Class, and covers the chemistry of the industrial substances studied in the Girls' Department.

## ELEMENTARY PHYSICS: A MIDDLE CLASS

First Term: Mechanics, heat and sound. The first half of the year is given to a thorough and systematic study of the principles and theories underlying these subjects by means of lectures, recitations, and laboratory work. The proximity of the machine shops, engine rooms and dynamo room makes it possible for the greater portion of the laboratory work to be carried on at these places instead of in the laboratory proper, thereby giving the student a chance to weave his theory into actual work.

Second Term: Light; Electricity. The study of the theories

and principles of these subjects together with a series of carefully arranged experiments bearing on their practical use.

#### PHYSICS: SENIOR CLASS

First Term: Advanced course in physics, covering mechanics; heat and electricity with reference to trades; and for those students who have finished the elementary course.

Second Term: Physics applied to trades.

#### JUNIOR: HYGIENE

*(Half Year)*

This course is intended to furnish the student with a thorough knowledge of the necessary conditions for good health by means of stereopticon lectures, recitations and experiments.

Special attention is given to the study of hygienic conditions in and about public and private dwellings. Emphasis is placed on the relation of water, ventilation, sewerage, and lighting to health. Personal hygiene is a feature of the course.

#### JUNIOR CLASS: AGRICULTURE

*(Half Year)*

First Term: Soils in general and how to improve them; formation of soils; soils classified according to formation; agricultural classification of soil; relation of soil to water; preservation of soil moisture; methods of improving the soil by tillage; methods of plowing; prevention of surface washing; terracing; system of terraces. Manuring in general; when and how to apply manure; barnyard manure; and commercial fertilizer compared; kinds of manure.

Second Term: Fertilizers, general and special; fertilizers, supplying nitrogen; fertilizer supplying potash; fertilizer supplying phosphoric acid. Drainage; kinds of drains; reasons for irrigation; sources for water; farm machinery; manipulating and running machines.

References: "Soils," by Brooks, Lyons and Flippin; Bulletins.

#### B MIDDLE CLASS: BOTANY

*(Half Year)*

The aim of this course is to present matter that will be of the greatest value to the student whose study of the subject must end within a few months. Therefore we have endeavored to bring its study in close touch with the various activities of our school, touching especially agriculture, domestic science, landscape gardening and greenhouse work. The farm, truck garden, orchard, campus, greenhouse, and the native woodlands furnish the basis for our study.

## TEACHER'S COURSE

### A MIDDLE CLASS

First Term: History of Education, Seeley.

Second Term: Everyday Pedagogy, Lincoln.

### SENIOR CLASS

First Term: Psychology. Class room management. Primary Methods. Observation and Practice.

General review. Arithmetic, History, Grammar and Geography.

**EXCEPTIONAL ADVANTAGES:** During the A Middle year those who elect the teacher's course take advantage of the quarterly State teachers' examination held here in the Academic Building. Quite a large number of students have always succeeded in passing these examinations, and thereby securing third-grade certificates before they reach their senior year.

Members of the Senior Class taking this course spend ten weeks of observation and practice at the Children's House. Also, it is from this group of seniors that substitutes are selected to teach, from time to time, in the lower classes in the Academic Department. Once a month the practice teachers have full charge of the night school, while the regular teachers are attending their monthly educational meeting.

In addition to this practice an arrangement has been entered into with the Macon County Superintendent of Education for a limited number of members of the Senior Class, who have third-grade certificates, to practice six weeks in the Macon County schools. Thirty-four practice teachers were employed in the county schools in the year 1915-1916, and there is a steady increase each year. These young teachers not only acquire valuable experience of rural conditions before finally leaving school, but receive from the State fair compensation for their work.

## POST-GRADUATE COURSE

Educational Psychology. Pedagogy. English Literature. Magazine Reading; Economics, Politics, History in the Making.

### PRACTICE

Members of the post-graduate course spend a portion of their time in the particular industrial trade which they have elected. They have responsible positions in the Night School as teachers, and their names are carried on the Academic faculty roll.

The Post-graduate course is designed for those who may wish to make a specialty of trade work, and domestic science, or to become more efficient teachers. Candidates for this course must have completed their academic work here, or the equivalent in some other reputable institution.

The course covers two years. A teacher's professional diploma is given where the course has been satisfactorily completed.

### COURSES IN BUSINESS PRACTICE

This course is designed to give the pupils a knowledge of the "everyday" business transactions and acquaintance with business papers and terms common to the business world. Practical work in bookkeeping is included in this course.

#### A MIDDLE CLASS

First Term: (a) Studies in markets, prices, transportation, making bills and receipts. The basis for this work being such articles as the students use daily in the divisions where they work.

(b) Exercises in elementary double entry bookkeeping; which includes making proper entries in the Journal, posting to the Ledger and taking trial balances.

Second Term: Commercial Law and business papers. The following subjects are studied: banking relations, commercial paper, real estate transactions, including deeds, mortgages, wills; crop and chattel mortgages, taxes, contracts, and insurance hints.

#### SENIOR CLASS

### FIRST AND SECOND TERMS: BOOKKEEPING, THEORY AND PRACTICE

Continuation of A Middle bookkeeping introducing inventory, financial statements, profit and loss statement, cash book, sales book and purchases book.

Opportunity is offered in this course for special studies in bank bookkeeping, corporation bookkeeping, and cost accounting.

### FREE HAND INDUSTRIAL DRAWING: WRITING

This course is intended, by giving the pupil some knowledge of free hand drawing and projection, to prepare him for the mechanical drawing taught in the Industrial Department; to enable him to read intelligibly working drawings and make practical application by drawing objects brought from the shop.

This subject is compulsory in the three preparatory grades.



### FIRST YEAR

First Term: Study of lines, surfaces and solids—with application.

Second Term: Free hand lettering; simple projection.

### SECOND YEAR

First Term: Advanced projection—trades drawing.

Second Term: Trades drawing; design.

### WRITING

The course aims to make the students rapid and legible writers.

Special attention is given to the general principles of penmanship, to the correct position at the desk, and to the proper holding of the pen.

Every lesson is preceded by movement exercises and drill work.

Writing is required throughout the three preparatory grades.

### PHYSICAL TRAINING

An aim of the course in physical training is to guard and promote the normal physical development of the pupils. The "setting up" exercises in connection with the military drill are required of all the boys by the Commandant.

All girls are required to take not less than two periods a week of systematic exercise in the gymnasium under a special teacher. Talks are given on personal hygiene with special attention to such topics as cleanliness, diet and fresh air. Every effort is made to train the pupils in habits that minister to vigorous health.

Special attention is given to the posture of each individual. The pupils are taught to stand, to sit and to walk properly.

For all classes outdoor and indoor gymnastics, games and folk dances are planned. Viz.: basket ball, captain ball, curtain ball, volley ball, tennis, etc. Practice is given in running, jumping, vaulting, etc. The school has a splendid swimming tank which the students are encouraged to use.

For this course each girl is required to have a gymnasium suit consisting of black bloomers, white middie blouse and gymnasium shoes.

### THE TRAINING SCHOOL

The Training School, known as "The Children's House," contains an assembly room, grade rooms, kitchen, dining-room, bed-room, baths, cloak-rooms, closets, private room for teachers and a room for Manual Training. The whole building is well lighted and ventilated.

The Training School serves a double purpose in the Tuskegee Institute community. It is first a public primary school, covering in its seven grades about the same ground as that of the same grades in any good city school. It offers the children of the community the ordinary advantages of the public school, with the additional benefits that come from the various resources of the Institute proper—its library, its social entertainments and its industrial equipment.

The special function of the Training School in its relation to the Institute is, however, that of a practice station for the Normal students who take the course in Education with the view of fitting themselves to be teachers. The educational theories and principles which are studied as a part of the advanced work of the Academic Department are correlated as far as possible with actual school practice. All students taking these courses are required to observe carefully the work of the Training School from the point of view of teachers, appointment, general school management, courses of study, hygienic and sanitary conditions, and especially the methods of recitation.

It is here the members of the Senior Class do practice teaching for ten weeks.

Courses in separate publication.

## THE KINDERGARTEN

The Kindergarten accommodates about thirty children between the ages of three and seven. Here foundation is laid for the work of the Children's House. In this division, as in others, there is an effort to connect the work which the child does as closely as possible with the life which the child lives or should live at home.

## MUSIC

Considerable attention is given to music at Tuskegee Institute. There are eight pianos and two cabinet organs belonging to this division. There is also a good musical library from which students have the privilege of drawing music for practice.

In addition to the regular instruction in vocal and instrumental technique, good compositions and even some of the musical masterpieces are studied. Special attention is given also to those "Plantation melodies" which represent an interesting and instructive contribution by American Negroes to musical art. These melodies express better than anything else thus far the spiritual life and moral struggles of the black race in America. In this spirit they are sung by the choir and the student body.

A charge of \$8.25 per quarter is made for instruction on the piano.

## VOCAL MUSIC: A AND B PREPARATORY CLASSES

## FIRST YEAR

First Term: All work in the key of C. Explanation of the staff: lines, spaces, Soprano or G Clef, Bass or F Clef. Notes: whole, half, quarter, eighth, sixteenth, thirty-second, sixty-fourth. Writing the scale of C in the Bass and Soprano Clefs. Names, numerals, pitch, syllable. Steps: whole, half; time: 2-2, 2-4, 3-4, 4-4; writing exercises in time; singing easy songs in the key of C. Review of first quarter's work; study of rests and different musical expressions; scales of G, D, A, and E; singing songs in the different keys.

Second Term: Review of first and second quarter's work; singing at first sight in any of the different keys; board exercises in time writing, rests, notes and a general review of all the work.

## CHOIR

Not less effective than the regular vocal classes is the training in the choir, composed of 150 young men and young women. This choir has one hour's practice each day of the week in singing the very best of classical music, and also in training for the singing of the plantation melodies. Along with the melodies each Sabbath there is rendered at least one selection from one of the best composers, and at Christmas and Easter seasons, the choir renders cantatas arranged for each occasion. These cantatas are elaborate to the extent that an entire evening service of more than one and one-half hour is given up to each.

## INSTRUMENTAL MUSIC

## GRADE I

Matthew's Graded Course, Bk. I, presents an arrangement of studies and pieces, formed first upon the first five tones of the piano; gradually the exercises grow more difficult, introducing the Bass Clef. Exercises from Mason's Touch and Technic are given with the regular Matthew studies. Other texts used are: Koehler Studies, Op. 150; Czerny, Op. 139, Bk. I; Easy Melodious Studies, by C. N. Landon; Easy Studies with octaves, Op. 70, Bk. I, by Bereus; easy pieces by L. E. Orth, Englemann, Streabbog, Baumfelder, Otto, and others. The Major Scales are begun and practiced through two octaves. Arpeggios are introduced through one and two octaves.

## GRADE II

The Second Grade introduces phrasing and style and a readiness of execution. The Major Scales and arpeggios are continued and carried through three octaves. Minor Scales are introduced and practiced through one and two octaves. Studies from Matthew's Bk. II and in

addition, exercises from Mason's "Touch and Technic," Volume II. Other studies and pieces used are: 101 Preparatory Exercises, Op. 261, Bk. II, Czerny; Gurlitt, Op. 82, Bk. I; Bursgmuller, Op. 100; selections from Streabbog, Lichner, Reinecke, Schnoll, Oesten, Benedict, Lack, Nevin.

### GRADE III

More stress is laid on an equality of finger movement, speed and brilliancy. Matthew's Bk., Grade III, and Mason's Touch and Technical Exercises, are used in connection with studies of Czerny—octave studies, Op. 533; Loeschorn Op. 52; Heller, Op. 45 and 46; Bach Two-voiced Inventions; selections from Tschaikowski, Wilm, Nevin, Chaminade. Major and Minor Scales in three and four octaves; arpeggios in three and four octaves.

### GRADE IV

Selection and studies can now be played in a musical way, with regard to speed, smoothness and expression. The practice is (1) mainly slow and firm for establishing the hand; (2) moderate and with finger staccato, for rhythm and brightness of tone; (3) fast and musical.

Technique is developed by scales in four octaves, varying in rhythm, both hands together. Matthew's Bk. IV is used and musical works from Heller, Czerny, Op. 740; Bach's Two- and Three-part Inventions; Kullak Octave Studies, Part I; Sonatas by Mozart, Haydn and Beethoven; selections from W. G. Smith, Thome, Moszkowski, Rathburn, Godard, Chaminade, Nevin, MacDowell, Schumann.

Harmony taught in connection with this grade.

### GRADE V

Selected technics. Matthew's Book V and VI. Beethoven Sonatas. Preparation of program for public recital. Harmony continued.

### PRIZES

THE TRINITY CHURCH BOSTON PRIZE was originally twenty-five dollars, and was founded in 1895 by the late Rev. E. Winchester Donald, D.D., rector of Trinity Church, Boston. In 1901 Dr. Donald increased the prize of twenty-five to forty dollars. The prizes have been continued by the present rector of Trinity Church, Dr. Alexander Mann. The original prize is offered as the first prize, and a second prize of fifteen dollars is given. These prizes are awarded to the two students of the Senior and A Middle Classes who deliver the best papers on the subjects assigned for the competition.

The subjects assigned for the year 1915-1916 are:

- (1) The South Harnessing the Rainfall; (2) Helping the



Farmer's Wife; (3) Illiteracy—Let us Remove it; (4) The South Using its Waterways; (5) The Cow Feeding the Family; (6) The South Packing its Own Meat; (7) Combating the Fly; (8) The Blight of the South—Tuberculosis; (9) The Progressive Negro Business Men; (10) The Negro in Art and Literature; (11) The Contribution of the Educated Negro to the South; (12) Alabama Must Feed Herself; (13) The Negro Artisan Before and After Emancipation; (14) The Negro Inventor; (15) The Negro Electrician; (16) Mule Raising an Important Industry in the South; (17) The Sweet Potato, the Queen of the South; (18) The Negro Artisan in a Farming Community; (19) Vocational Education, the Hope of the Age; (20) Mechanical Efficiency, the Slogan of Today; (21) The Economic Fitness of the Young Mechanic and His Relation to the Growing South.

These prizes for 1914-1915 were awarded to Charles Henry Bryant, first prize of twenty-five dollars, and to Tommie V. Gauntt, second prize of fifteen dollars, both of the A Middle Class.

**THE BELKNAP PRIZE.** This prize, a chest of Carpenter's Tools, was given for many years by the late Mr. William R. Belknap, of Louisville, Ky. The prize will be continued by Mrs. William R. Belknap to the student of the A Middle or Senior Class who makes the greatest progress during the year in carpentry or wheelwrighting, and whose deportment and general demeanor are satisfactory.

This prize last year was awarded to Clinton Lattimore, A Preparatory Class.

**THE JOSEPH FRYE PRIZE.** A prize of ten dollars was established during 1902 by a Boston gentleman, in memory of his father, Joseph Frye, to be awarded to the student, male or female, who makes the most progress at his or her trade and at the same time makes the best record in academic studies. The gentleman establishing this prize has since died, but provision for its perpetuation was made in his will.

This prize was awarded last year to Addie M. Simpson, Senior Class.

**THE SUMNER PRIZE** was established by the late Miss Ellen Collins, of New York. Having been much impressed by Mr. Edwin D. Mead's paper on "Peace," and a paper by the same author on "Charles Sumner," she established an annual prize of twenty dollars for the best essay on "Peace" written by a member of the Senior Class, the prize to be known as the "Sumner Prize." The subjects for this year are:

(1) Military Training in the Public Schools; (2) Effect of the European War on American Industries; (3) American Neutrality; (4) Freedom of the Seas; (5) Women's Peace Movement; (6) War as a National Suicide; (7) War's Aftermath; (8) War Inventions; (9) Militarists and Pacifists; (10) Peace and the Press; (11) War

and Literature; (12) Force and Peace; (13) War Loans; (14) The Attitude of W. J. Bryan Toward Peace.

This prize was awarded last year to John W. Askew, Senior Class.

**THE CHARLES I. LEVY PRIZE.** This prize of ten dollars was formerly given by Mr. Charles F. Moritz, of Montgomery, Alabama, it being offered this year by Mr. Charles I. Levy, to be awarded to the student in the Nurse Training Division, who writes the best essay on the theory and practice of nursing.

This prize last year was awarded to Rosa H. French, Special Student, Nurse Training.

**THE LEO STRASSBURGER PRIZES.** These prizes are two of ten dollars each, established by Mrs. Leo Strassburger, of Montgomery, Alabama, to be awarded to the two students who make the most progress in vocal and instrumental music, respectively, and whose deportment is satisfactory.

These prizes last year were awarded Lucile E. Galloway, Senior Class, Vocal Music; and Clarissa M. Scott, Instrumental Music, A Middle Class.

**THE W. GRAHAM TYLER PRIZES.** Mr. W. Graham Tyler, of Philadelphia, Pennsylvania, desiring to encourage students to finish their trades and to stimulate among them greater interest in the trades, has given fifty dollars to be distributed annually in prizes as follows: The first prize of ten dollars to be awarded to the student who does the most perfect industrial work during the year. The second, third, fourth, and fifth prizes of ten dollars each to be awarded to the students of worthy character who exhibit greatest earnestness and diligence at their work. These prizes are to be given only to members of the Senior Class, but the entire record of students during the years they have been in school will be taken into consideration when making the selection for the awards.

These prizes last year were awarded as follows: Kimuel A. Hug-gins, John R. Johnson, Isabel Ruffin, Rudolph W. Lopez and Mamie King.

**THE GENERAL ARMSTRONG PRIZE.** In 1904 Mr. H. V. Perkins, of New York, gave five hundred dollars as an endowment, the proceeds from which each year are to be given as the "General Armstrong Prize," to the student who produces the most painstaking, thorough and best piece of blacksmith workmanship, combined with intelligence of purpose.

This prize last year was awarded to Howard Roberts, Post-graduate.

**THE JOSEPH O. THOMPSON PRIZE.** For a number of years, Hon. Joseph O. Thompson, of Birmingham, Alabama, has given a gold medal valued at ten dollars to the student of the A Middle Class, whose

record for the year in industrial and academic work and deportment has been the most satisfactory. This year the prize consists of a Ten-Dollar Gold Piece.

This prize was awarded last year to Charles H. Gibson, Jr., A Middle Class.

**THE SELIG GASSENHEIMER PRIZE.** This is a prize of ten dollars, established by Mr. Selig Gassenheimer, of Montgomery, Alabama, to be awarded to the student of the A Middle Class who prepares the best paper on the "Care of Live Stock," and whose work for the year in this division is most satisfactory.

This prize was awarded last year to Quintin De Jesus, A Middle Class.

**THE ELBERT WILLIAMS PRIZE.** Mr. Elbert Williams, formerly bandmaster at this institution, and of the Twenty-fifth United States Infantry, has established an annual prize of five dollars, to be given to the student of the band or orchestra, of the Senior Class, who makes the most progress in Instrumental Music.

This prize was awarded last year to Elisha M. Ray, Senior Class.

**THE FOSTER JONES PRIZE.** Mrs. Maggie Foster Jones, of Asheville, North Carolina, formerly a student of the A Middle Class of Tuskegee Institute, offers to give each year a Gold Medal, to be awarded to the student who is the most competent seamstress and dressmaker.

This prize was awarded last year to Serena E. Vann, A Middle Class.

**THE FUNK AND WAGNALLS PRIZE.** This is a prize of a morocco-bound copy of the latest edition of the Standard Dictionary of the English language, valued at twenty-five dollars, offered by Funk and Wagnalls Company, of New York, publishers, to the student of the A Middle Class who writes the best essay upon a subject assigned for the competition.

This prize was awarded last year to Charles H. Gibson, Jr., A Middle Class.

**THE LOEB HARDWARE COMPANY'S PRIZE.** The Loeb Hardware Company, of Montgomery, Alabama, offers a prize consisting of a Champion Electrical Screw Plate to be awarded to the student who makes the best record during the year in the Blacksmithing and Wheelwrighting Division.

This prize was awarded last year to Willard W. Patton, Post-graduate.

**THE MASON PRIZE.** Mrs. Charles E. Mason, of Boston, Mass., offers two prizes of ten and five dollars each, to be awarded, first to the Senior or Middle nurse who makes the best record during the year



in deportment, general neatness, and cleanliness in person, wards and chart records, ten dollars. Second, to the nurse of any class who makes the highest average in studies during the year, five dollars.

These prizes were last year awarded to Hilda M. Vavasour, Senior Class, Nurse Training, and M. Ethel Scott, Post-graduate, Nurse Training.

**THE NATHAN BIJUR PRIZE.** Judge Nathan Bijur, of New York City, offers two prizes of ten dollars each, to be awarded to the two students who write the best papers on a subject assigned for the competition.

These prizes were last year awarded to Andrew F. Belcher and Mary C. Ross, both Senior Class.

**THE E. P. ROBERTS PRIZE.** This is a prize of ten dollars offered by Dr. E. P. Roberts, a practicing physician of New York City to the student who does the most satisfactory work for the year in the Physical Training Division.

This prize was last year awarded to Ocarsenia Collier, Senior Class.

**THE ELIZABETH NEALL WILLCOX PRIZES.** Mrs. Mary Otis Willcox of Staten Island, New York, has given seventy-five dollars to establish prizes in the name of her daughter to be known as the Elizabeth Neall Willcox prizes. This money for 1915-16 is to be awarded to girls of the Senior and A Middle classes, as follows: a first prize of twenty dollars and a second prize of ten dollars to girls who make in one year the most improvement in the preparation and serving of food; a prize of ten dollars to the girl who makes the best application of laundry methods and who writes the best paper on "How to Remove Drudgery from Home Laundering;" a prize of ten dollars to the girl who shows the greatest intelligence in keeping the household in repair such as renovating mattresses, reseating chairs, upholstering furniture, etc.; a prize of ten dollars to the girl who most satisfactorily adapts herself to all of the various Household Industries; a prize of fifteen dollars to the girl who makes the best application of the principles of "home making" during her stay at the Senior Practice Cottage.

These prizes last year were awarded to Leona C. Hughes, Senior Class; Diora M. Hanna, A Middle Class, and Antonia Brandi, Senior Class.

**THE CHARLES EISENMAN PRIZES.** To encourage students to study Agriculture, Mr. Charles Eisenman, of Cleveland, Ohio, has given fifty dollars to be divided into five prizes of ten dollars each, to be awarded as follows: 1. Ten dollars to the student taking farming who has the highest record in the Division and writes the best composition on "How to Manage a 100 Acre Farm." 2. Ten dollars to the student in fruit growing who has the highest average in the Division



and writes the best composition on "The Care of an Orchard." 3. Ten dollars to the student in the Truck Garden who has the highest record in the Division and who writes the best composition on "The Management of a Hot-Bed and a Cold-Frame for Best Results." 4. Ten dollars to the student taking Dairy Husbandry who has the highest record in the Division and who writes the best composition on "The Successful Management of a Dairy Herd." 5. Ten dollars to the student taking Horse and Mule raising who has the highest record in the Division and who writes the best composition on "Feeding Horses and Mules."

These prizes, which last year amounted to \$100, were awarded to ten students, as follows: Emanuel Lisk, A Middle Class; Junius Harris, B Middle Class; Thomas G. Carlton, A Middle Class; Thomas Drake, B Preparatory Class; Elnora Greenwade, B Preparatory Class; Estelle Foster, A Preparatory Class; Hayes Sloan, A Middle Class; Chester A. Flake, B Middle Class; Benjamin Smith, B Middle Class and Samuel Douglass, Junior Class.

**THE WILLIAM J. SCHIEFFELIN PRIZES.** To encourage students to exercise the greatest economy in the use of fuel at the Institute Power Plant and to keep the boilers in the best condition as the work touches that of firemen, and for general superiority in boiler management, Mr. William J. Schieffelin, of New York, offers two prizes, a first prize of twelve dollars and a second prize of eight dollars to be awarded to the two students who demonstrate the greatest ability in the directions named above.

**THE WILLIAM M. SCOTT PRIZES.** To encourage students to put forth the greatest effort to operate most economically the machinery in the Institute Power Plant, which includes the best results in firing, the greatest economy in the consumption of steam and electric current, the most satisfactory condition of the machinery, and the cleanliness of surroundings, Mr. William M. Scott, of Philadelphia, Pa., offers fifty dollars to be awarded as follows: 1. Ten dollars to the student making the best record in steam boiler management and economic fuel consumption. 2. Ten dollars to the student making the best record in steam engine operation and repairing of steam machinery. 3. Ten dollars to the student showing the most interest in the care and operation of pumping machinery. 4. Five dollars to the student having the most cleanly surroundings in boiler or engine room. 5. Ten dollars to the chief dynamo attendant for the greatest interest shown and the most efficient service performed. 6. Five dollars to the assistant dynamo attendant making the most progress in dynamo and switch board operation.

**THE E. DAVIDSON WASHINGTON PRIZES.** In order to encourage and stimulate a further interest among the student singers to remain in

the Choir and to attend regularly and faithfully the rehearsals, Mr. E. Davidson Washington offers fifteen dollars to be divided into two equal prizes, to be awarded to a boy and a girl, who most nearly meet the requirements as stated.

## PHELPS HALL BIBLE TRAINING SCHOOL

The general progress of the Negro requires that the efficiency of the minister and the church must be increased to keep pace with the progress of the people. The preacher must have a better knowledge of his duties and opportunities, must have a better equipment for good service and the church must improve its organization and methods for reaching and influencing the ordinary man. The Bible Training School, opened in 1892, is conducted to meet this need. Courses are arranged not only for Candidates for the Ministry, but for Sunday School Workers, Social Workers, and all or any who must in any way deal with problems of religious, moral, and social advancement.

### PLAN OF THE WORK

The department lays special emphasis upon training men and women for service in the rural districts and industrial communities. The Bible as the chief text is used to throw light upon the problems of life, and actual experience is gained through direct contact with the life of the school and surrounding community. The teaching is wholly undenominational. Students are given to know and understand the doctrines and organization of their denomination without any attempt to oppose or change their views on these subjects. The sole object is to make him more useful in whatever denomination he serves.

### PHELPS HALL

Phelps Hall, the building in which the school is taught, was given by a generous New York friend. It is a frame structure, three stories high, exclusive of basement or attic. The first floor contains the Chapel, Library and Reading Room, the Dean's office and three recitation rooms. The two upper floors are used for sleeping apartments.

### STUDENTS AND GRADUATES

The Bible Training School since its establishment has enrolled more than 1,300 students. Of this number 122 have completed the full course and more than 500 have taken from one to two years or more of the course. Many of these are now serving as preachers and pastors in the various denominations throughout the South, some of them in the vicinity of the Institute. Others are serving as Sunday School

workers and assisting in other forms of religious work. Some, with the ministry in view, are pursuing further studies in other institutions.

#### ADMISSION

Applicants must be members in good standing of some church and should bring letters to that effect from their pastor or other authority. Candidates for a certificate should be able to read and write with reasonable ease and understanding. Candidates for a diploma must be able to pass an eighth grade examination. Those who cannot do so can take the necessary academic studies along with Bible studies until they are prepared for advanced work.

#### WOMEN

The increasing activity and peculiar fitness of women for social and religious work makes it desirable to enable them to secure adequate training for such service. A large field is before them as deaconesses and matrons in schools, reform institutions and prisons. This department is open to women for training in these directions on equal terms with men, and courses are given which bear directly on the work they must perform. Persons over 18 years of age are eligible for admission.

#### EXPENSES

The entrance fee is \$10, which must be paid in cash. Each student spends a part of his time in labor for the school, by which service he earns his board, room and laundry. Books require about \$3.00 each year.

#### COURSES OF STUDY

The courses of study include History, Bible, Preaching, Christian Service and Christian Doctrine. They aim to give knowledge in explaining the Scriptures, understanding of their spirit and teaching, and practical drill in the best methods used in and about Tuskegee for making the church a useful and effective agent in the improvement of all phases of life.

#### HISTORY

The course in history gives knowledge of the origin and progress of the church and its chief denominations; the origin and development of the Bible, the geography of the Bible, the life, times, customs and manners referred to in the Scripture narrative; and other matter that throws light from the outside upon the meaning of the text and the character of the work for which the church is fitted.



## BIBLE

The course in Bible deals directly with the English Bible. It aims to make the student familiar with all its contents and make them available for instruction and inspiration in all the duties and activities of life. In this course the Bible is covered thoroughly twice; first, to become familiar with the narrative; the second time to discover its deeper lessons and teachings.

## CHRISTIAN SERVICE

In the course the student becomes familiar with those organized and systematic movements for the improvement of personal, home and community life that may be fostered and conducted by the church. In addition to the text-book matter the student is brought into first hand acquaintance with the problems of this field by actually dealing with them in the homes and churches in the neighborhood of the Institute. Through special arrangement with the churches the students of the Bible Training School are given practical experience in Sunday school and church work in the regular services of the Sabbath and during the week. In the same way they are admitted into the homes of the community and there aid in solving practical problems of home life as they arise through the year.

## CHRISTIAN DOCTRINE

In this course the student is led to discover the teachings of Christian faith touching the fundamental interests of life. A survey of real life and everyday experiences is made and the Bible is used to afford light and truth for shaping ideals and conduct. The course aims to provide the student with a simple, clear, life-giving message for the inspiration and guidance of the plain man of the streets.

## PREACHING

The study and drill under this head cover preaching, public speaking, and music. The course in preaching is directed toward making the student a strong, convincing, helpful preacher of the good tidings brought by Jesus Christ. The course in music will enable those who take it to read notes readily and to take the lead in singing wherever necessary.

Public speaking aims to equip the student with a clear, forceful style of address upon other than strictly religious subjects. The increasing activity of preachers in other fields than the church demands of him a platform style in addition to the style common to the pulpit. Emphasis is laid in both branches upon the development of a fluent off-hand delivery without manuscript and in short addresses, without notes.

## OUTLINE OF COURSES

## JUNIOR YEAR

The work of the first or Junior Year of the Bible School is devoted to laying a foundation of facts concerning religion, the Bible and the work of the church. It is arranged as follows:

History: Introduction to the English Bible.

Bible: Old Testament Stories, Characters, and Literature. Life and Teachings of Jesus. Early History and Letters of the Church.

Preaching: Reading and Memorizing of Scripture. Brief Talks on Familiar Subjects.

Christian Service: Survey of the Religious Field—Evangelism, Christian Culture, Religious Education, Social Service. Organization of the Church and Sunday School. Special Emphasis on Sunday School Methods and Management.

## MIDDLE YEAR

The Middle Year begins a thorough study of the message and work of the Christian Worker, using materials gathered the first year, together with new matter.

History: Bible Manners and Custom. Life and Times of the Bible.

Bible: Old Testament History—Its Personal and Social Messages.

Preaching: Composition and Delivery of Sermons. Extended Talks from Notes.

Christian Service: Organization of the Church, Methods of Church Work, Public Worship, Church Music, Prayer Meeting, Young People's Societies, Missionary Activities, Building, Finances, etc. Emphasis on the Rural Church.

Christian Doctrine: God—His Nature, His Character, His Purpose in the World. Man—His Origin and Nature, His Work, His Destiny. Sin—Its Nature and Effects; Terms of Salvation; Theology of Evangelism.

## SENIOR YEAR

The third year completes the work begun in the second year, is a direct continuation of it.

History: General Survey of Church History.

Bible: Detailed Study of the Life and Teachings of Jesus. Apostolic Church History; Analysis of The Epistles and The Apocalypse.

Preaching: Extemporaneous Preaching and Speaking. Pulpit Supply in Local Churches.

Christian Service: The Home and Social Relations. Organizations and Methods for Social Improvement. Rural Sociology.

Christian Doctrine: Christian Experience; Christian Ethics. Person and Work of Christ; Person and Work of the Holy Spirit. The Sacraments. The Pastorate.

#### DIPLOMA

The regular course is covered in three full years of Bible study and leads to a diploma or certificate. A diploma is granted to those students who have completed, in addition to the course of Bible studies, a minimum requirement of Academic studies through the Senior Academic Year. This Academic requirement includes four subjects through the B Preparatory, A Preparatory, Junior, and B Middle Years and three subjects during the A Middle and Senior Years. The courses in the two departments are so arranged that students may pursue the studies of both departments at the same time without interruption or conflict.

#### CERTIFICATE

A certificate is granted to those students who have not completed either in Tuskegee Institute or some other institution, the academic work required for a diploma, but have successfully completed the three years of Bible study.

#### POST-GRADUATE COURSE

Every year there comes to the Institute a number of requests for workers in various lines of social service, the demand being especially large for social workers in industrial communities. Courses of study have been arranged in a post-graduate department for advanced students that will provide such persons with the training in actual service that will fit them to acceptably fill these places. Tuskegee Institute, through its Extension Department, maintains a wide variety of activities. The post-graduate students have the opportunity of serving in these lines of endeavor under the direction of the faculty of the Bible Training School. The course is designed to cover two years of study and practice, but in cases where the student's previous training may warrant, this period may be reduced. Full information concerning these courses is contained in a separate announcement, which will be sent on application.

#### LECTURES

A lecture course, conducted since the founding of the school, is arranged to give the students the benefit of the knowledge and ex-

perience of ministers and laymen who have had notable success in directing church work and other activities which may engage the attention of ministers and social workers.

#### MACON COUNTY MINISTERS' UNION

The Macon County Ministers' Union is an organization of the pastors and preachers of the county in which the Institute is located. It meets once each quarter in the Chapel of the Phelps Hall Bible Training School. The Dean of the Bible School is the President of the Union. Through this organization the School is kept in touch with the religious life of the people of the county, and the students of the Bible Training School come to know intimately the problems and methods in use in the churches. Many of these pastors are graduates of the Bible School and their successes as reported in these meetings prove both helpful and inspiring.



## DEPARTMENT OF MECHANICAL INDUSTRIES

### SLATER-ARMSTRONG MEMORIAL TRADES BUILDING

The Slater-Armstrong Memorial (Boys' Trades) Building, in which the mechanical shops are located, is an attractive and impressive brick building situated a little west of the center of the campus. It is 283x315 feet in its greatest dimensions and accommodates all the mechanical industries excepting the saw-mill, electric lighting apparatus, and boilers, which are separately housed, and the brickyard.

In general plan the building is arranged about the four sides of a central court, with cross wings 37x60 feet, at each corner, thus three sides of the entire building are amply supplied with windows, giving an abundance of light and air. The front and side wings are two stories high. There are twenty large rooms, each provided with lockers for coats, cabinets for tools, and class rooms fitted with desks, blackboards, charts, and materials for teaching the theory of the various trades. The Building is thoroughly heated, partly by steam, and entirely lighted by electricity.

The electrical apparatus which generates the electric current for lighting and power purposes, the boilers, engines, compressors and other machinery which supply water, steam for heating, cooking, etc., are located in the Power House, a new building which was recently completed.

The Power House is 110x192 feet, and is equipped with machinery which is more specifically set forth in other places in the catalogue. It is a brick structure, with concrete floors, brick fire walls, and re-enforced concrete coal bunkers, the bunkers having a capacity of eleven hundred tons. By means of a trundle the railroad tracks extend over the roof of the coal bunkers permitting dumping coal directly into the bunkers. The roof of the Power House excepting that of the coal bunkers is covered with tar and gravel roofing. In appearance, convenience and equipment the Power House is one of the most complete and modern in the country.

### TRADES TAUGHT

This department includes industries mainly for young men. Since there are few schools which offer to young colored men thorough instruction in the mechanical trades, and the opportunities to serve as apprentices are rapidly passing away, this department offers a rare

chance for those seeking such advantages. In arranging the various courses of study, the following purposes are kept constantly in view:

1. To inculcate the dignity of labor.
2. To enable every student to learn a trade.
3. To supply the demand for trained industrial leaders.
4. To assist students in paying all or a part of their expenses, while in school.

The following trades and industries are taught: Architectural Drawing, Mechanical Drawing, Carpentry, Woodturning, Sawmilling, Carpentry Repair, Brickmasonry, Plastering and Tile Setting, Tinsmithing, House and Sign Painting, Coach and Furniture Painting, Plumbing and Steamfitting, Wheelwrighting, Blacksmithing and Horse-shoeing, Harnessmaking and Carriage-trimming, Shoemaking, Machine Shop Practice and Steam Engineering, Automobile Repairing, Applied Electricity, Tailoring, Printing, Brickmaking, and Book-keeping and Accounting, as applied to the trades.

### POST-GRADUATE COURSES OF STUDY

To graduates of this institution, and others who have had at least an equivalent amount of training, advanced courses of study in the several trades are offered.

The aim of these courses is to give a thorough and intimate knowledge of the theory underlying the trades, as well as to afford special opportunities for doing active, operative trade work. The rules governing Post-Graduates and the Post-Graduate courses are referred to elsewhere in the catalogue.

### INDUSTRIAL CLASSES

Industrial classes are held at stated periods each week. The purpose of these classes is to study the abstract principle underlying the trades in a systematic manner. Students are required to keep note books, write compositions, read trades journals, and reference books bearing on their trades.

### ARCHITECTURAL DRAWING

This course aims to give thorough instruction in architectural draftsmanship, building construction and design. In arranging this course, both the theoretical and practical sides of building are given special attention. This is made possible by the numerous building operations more or less constantly under way.

The instruction in theory and the practice afforded proceed hand-in-hand. Throughout the course the students work upon problems, and proceed by methods which are similar to those which enter into the experience of the practicing architect.

The course covers four years, and is not open to students below the Junior Class in the Academic Department.

#### FIRST YEAR

First Term. Free-hand Lettering; Simple Projection; Tracing; Blueprinting; Geometrical Problems in Construction.

Second Term. Free-hand Drawing; Orders of Architecture; Plan-drawing to Scale; Working Drawings; Detail Drawings to Scale.

#### SECOND YEAR

First Term. Wood Construction; Masonry and Metal Construction; Perspective Sketching.

Second Term. Architectural Perspective; Requirements and Planning of Buildings; Sanitary Construction.

#### THIRD YEAR

First Term. Architectural Designing; Heating, Ventilating of Buildings; Elective Monthly Problems in Design.

Second Term. Electric Lighting; Superintendence and Estimates; Specifications; Estimates and Contracts; Use of the Architect's Level; Elective Monthly Problems in Design.

#### FOURTH YEAR

First Term. Advanced Design and Construction; Graphic Statics; Elective Monthly Problems.

Second Term. Designing Wooden Roof Trusses; Mill and Slow Burning Construction; Elective Monthly Problems.

#### MECHANICAL DRAWING

Mechanical Drawing is an important essential in the trade work. In the shops, students work from drawings, either prepared by themselves or by others, and no student is granted a certificate in a trade unless his work in mechanical drawing is satisfactory.

The work is arranged with the view of giving the student a thorough knowledge of free-hand sketching, a general understanding of working drawings, and a practical application of rules used in the drawing room to the objects found in the shops, thus preparing the student to read intelligently drawings placed before him and to make his own drawings of proposed work.

The drawing room is situated on the second floor of the Trades Building, in a large, well-lighted room, 37x80 feet. It contains forty-five tables, 30x40 inches on top and 36 inches high. Each table is



provided with one drawer to hold drawing material used by the student. A filing case in which students' drawings are kept is also in the room. There is a complete apparatus for making blue prints. Each student is furnished with a set of drawing instruments, a board, a T-square, two triangles, a rule, ink and paper. Students are required to provide themselves with drawing pencils and thumb tacks, the cost of which is fifteen cents.

**Method of Instruction:** All students in the Day School or Night School who are in the Mechanical Department and in or above the A Preparatory Class, are required to take instruction in this division. The work of the first year is largely preparatory. It begins with simple geometrical drawing to familiarize the student with the drawing instruments, and to teach him accuracy and neatness. This is followed by work in projection, which finds application in scale drawing of simple objects.

The student is required to make satisfactory, carefully dimensioned, free-hand sketches from the measurements taken by himself of the complete object and its parts. Lectures and blackboard exercises are regularly given as part of the instruction.

As soon as a fair knowledge of the instruments has been attained, a thorough drill is given in projection drawing, in which free-hand sketches are made and measurements taken, these sketches being converted into scale drawings.

The study of design is carried only far enough to secure an understanding of the principles, facility and accuracy in the construction of drawing plans, drafts, and assembly drawing. In the exercises in designing, the student makes, first, a sketch plan of the thing proposed, then constructs a scale drawing, carrying its development into minor details. The course of study is as follows:

**First Year.** Names and uses of instruments; lettering, construction of plane geometrical problems; simple projection; explanation of scales; objects drawn from scale; free-hand sketching.

**Second Year.** Advanced projection; lettering, working drawings; tracing; detail drawing, materials, blue printing, free-hand sketching, isometric drawing.

**Third Year.** Problems in construction; drafting; detail drawings; materials, working drawings, design; free-hand sketching.

**Fourth Year.** Design; advanced problems in drafting and construction; specifications and contracts; estimates and bills of material.

**Fifth Year.** Problems in design; superintending construction; problems in drafting and in construction.

**NOTE.**—Students who have had no instruction in mechanical drawing, even though they make a high academic class will be required to enter the first-year class in drawing.



## CARPENTRY

The course in carpentry covers three years, embracing instruction in the following branches of trades: House carpentry, joinery, cabinet-making and the operation of wood working machinery.

By reason of the large amount of productive work constantly on hand, exceptional opportunities are afforded to get acquainted with practical work, and the use of drawings illustrating the same. Competent instructors are in charge of each branch, and the shops are supplied with necessary tools, benches, machinery and other apparatus. The shops have a floor space of 9,000 square feet, and are well lighted and ventilated.

## FIRST YEAR

First Term: Care of shop; names of tools; care and use of tools; study of materials; lessons in sawing, leveling, beveling, plumbing and squaring.

Second Term: Setting fence posts; building fences; making plain tables, washstands, plain window and door frames; screening; shop work or outside building; use of rip saw, planer and band saw.

Industrial classes and mechanical drawing during the year.

## SECOND YEAR

First Term: Review of first year's work; work on newels, handrails, mantels; names of mouldings and their use; building pulley window frames for frame and brick buildings; lengths and levels; cutting and placing sills, joist, girders and studding; framing lookouts.

Second Term: Getting lengths and cutting common hip and valley rafters; truss construction; framing gutters; getting lengths of braces; setting window and door frames; putting on water table, corner boards, weather boarding; putting on cornice; shingling; laying flooring; ceiling; putting on grounds; wainscoting; forming panels; names and uses of wood-working machines; brazing apparatus and its use; wood-turning; setting and sharpening circular and band saws.

Industrial classes and mechanical drawing during the year.

## THIRD YEAR

First Term: Review of second year's work; inside work on frame and brick houses such as laving floors, ceiling, wainscoting; forming panels; hanging sash and doors; putting on locks and other hardware; finishing porches and cornices; stairway construction; wood turning and machine work.

Second Term: Stairway construction; cabinet making, such as

office desks, office files, library tables and book cases; installation of machines; specifications; estimating; contracts; making out bills of material; woodturning and machine work.

Industrial classes and mechanical drawing during the year.

### WOODWORKING MACHINERY

First Term: Names and use of machines; names and use of tools; care of machines; sharpening edge tools; turning tools; brazing apparatus and its use; brazing band saws; filing and setting band saws; practice on band and circle saws; shaper, mortising and tenoning machines; turning.

Second Term: Care of machines and tools; lathe work; making moulding on moulding machine; pattern making; sketching objects to turn on lathe; installing wood working machines; arrangement of wood working machines as to best service; making out orders and prices of materials; designing and making moulding bits.

Industrial classes and mechanical drawing during the year.

### THE SAWMILL

Sawmilling is carried on largely in the spring and summer. The saw mill is located in the belts of timber which are to be manufactured into lumber. The mill is, therefore, moved from place to place as new timber land is acquired or leased.

This division is equipped with a 40-horse power portable engine and boiler, circular saw mill, lath saw, cut-off saw and the necessary small tools. To those students who desire to take this work, the following course of study is offered:

First Term: Names of machines; care of machines; repairing belts by lacing, bradding and gluing; sharpening circular saws; grinding edges on tools used in timber cutting; making bills; counting lumber; measuring wood; practical work.

Second Term: Sharpening circular saws, gumming circular saws; running circular saws; making out bills; grading lumber; stacking lumber; study of forest trees; firing boiler and running engine; study of injector, steam jets and other parts; practical work.

### REPAIR DIVISION

This division was organized to take charge of all repairs in carpentry and much of the repair work in plastering and brickwork. It has access to all machinery in the carpentry division, and the students are given systematic instruction in the care and use of woodworking machinery.

This division occupies a room 52x55 feet in the Armstrong-Slater Memorial Trades Building. In addition, rooms are provided for storing material. The room is airy, well lighted, and is provided with the necessary work benches, tools, etc.

## FIRST YEAR

First Term: The care of shop; study of material; names of tools; care of tools; lessons in sawing, planing, leveling, and plumbing.

Second Term: Making simple productive articles, such as tables, screens, plain window and door frames; cleaning and sand-papering; selecting materials; work on brick buildings, such as framing floor joists, studding, plates, bridging.

Industrial classes and mechanical drawing during the year.

## SECOND YEAR

First Term: Review of first year's work; advanced work, such as mantels, newels; pine and poplar desks; window and door frames for brick buildings; washstands; bureaus and bookcases; stairways; plan reading; frame and brick house construction; cutting and placing sills, joists, steel girders, plates and lookouts.

Second Term: Getting lengths and cutting common rafters; hip, valley rafters, and rafters; truss construction; framing gutters; setting door and window frames; getting lengths of braces; weather boarding; shingling; laying floors; ceiling; wainscoting; forming ceiling panels; names and use of wood working machines; brazing apparatus and its use; wood-turning; setting and sharpening circle saws; practice work on scroll and band saws.

Industrial classes and mechanical drawing during the year.

## THIRD YEAR

First Term: Review of second year's work; inside work on frame and brick houses, such as laying floors, ceiling, wainscoting, forming ceiling panels, constructing stairways and porches; fitting and hanging sash and blinds; fitting and hanging doors; putting on hardware; finishing porches and cornices; cabinet making, such as desks, bookcases, paper files and other furniture.

Second Term: Plans and specifications; estimating; making bills of lumber; contracts, laying off buildings.

Industrial classes and mechanical drawing during the year.

## BRICKMASONRY, PLASTERING, AND TILE SETTING

Nearly all the brick work on the buildings of the school is done by the students of this division, under the supervision of the instructors. Plastering of the buildings is looked after by this division. The theory is given in the class room.

## BRICKMASONRY

## FIRST YEAR

First Term: Names of tools; how to care for them; their application; building scaffolds; preparing material for different kinds

of brick work; study of the fundamental principles of the trade.

Second Term: Study of sand, lime and cement; lime and cement mortars; concrete; study of the fundamental principles of the trade.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: Review; mixing concretes and mortars; distribution and proportions; testing mortars; bricklaying; bonding walls; composition, color and requisites of good bricks; strength of bricks; thickness of mortar joints.

Second Term: Masonry footings, concrete and brick; foundation; offsets and why used; foundation walls; use of machine in making cement blocks; practical lessons in chimney building; estimates.

Industrial classes and mechanical drawing during the year.

#### THIRD YEAR

First Term: Review; bricklaying; estimates; leveling and staking out building; lathing and plastering.

Second Term: Foundations; nature and bearing power of soils; methods of testing soils; designing foundations and proportioning footings.

#### TILE SETTING

PREPARATORY INSTRUCTION. A short history of the manufacture and use of tile; a knowledge of the qualities, shapes and designs of tile with color; a study of materials used in the work. Instruction is given in the form of daily lectures in addition to the practical work outlined below.

SHOP INSTRUCTION. Floor work; importance of having good foundations; preparing the surface to be tiled; floating the cement; placing the tile and finishing.

WALL AND CEILING WORK. Instruction in applying metal lath; plumbing walls; scratch coating same; setting covers on base tile; setting the cap and finishing.

MANTELS. Preparing the floor for hearth space; laying the hearth; building brick arch; putting up, facing and lining fire brick and tile; building tile mantels.

#### TINSMITHING

The tinsmithing division is located on the first floor of the Armstrong Slater Memorial Trades Building. It is well supplied with tools and up-to-date machinery and appliances for making various kinds of tinware for domestic uses and for the production of various kinds of sheet metal work required in building trades.

As building operations are in progress at this institution during



some part of every year, excellent opportunity is afforded for gaining valuable experience in the construction of metal roofs, the construction of gutters, conductor pipes, skylights, cornice ridge rolls, crestings, and the repairing of same. Attention is also given to stove work including their installation and repairing.

#### FIRST YEAR

First Term: Names of tools; how to use; care of same; mathematical problems as related to the trade; dressing and plating solding coppers; suggestions in soldering; repairing old vessels; preparing flux of different kinds; use of rule, square and compass in laying out work; cutting straight and curved lines; making pipes of various kinds.

Second Term: Drafting patterns for pails; putting tin together for roofing work; making elbows; putting up conductor pipes; preparing tin for flat seam roofs; drafting elbow patterns for different angles; making gutters, conductor pipes, ridge rolls, etc.; mathematical problems as related to the trade.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: Making deck flanges, hoods, ventilators, revolving chimney caps, mouldings and O. G. gutters; drafting miters of different angles; laying tin roofs; putting up different kinds of gutters; mixing paint for tin roofs; working out details in cutting patterns; review work; taking roof measurements; mathematical problems as related to the trade.

Second Term: General inside and outside work; making estimates on jobs; making out bills for material; miscellaneous work; development of surfaces; practical cornice work; heavy iron and pipe work.

Industrial classes and mechanical drawing during the year.

#### THIRD YEAR

First Term: Reading blue prints; making, working drawings; finding lengths of bars in flat skylights; making curve mouldings; building skylights; advance problems in cutting patterns; estimating on jobs.

Second Term: Management of the shop; making out bills of material; building cornices; metal roof work; mathematical problems as related to the trade.

Industrial classes and mechanical drawing during the year.

## PAINTING

The Division of Painting is located on the second floor of the Trades Building, in a large well-lighted and well ventilated room. A large Warner elevator is used to take vehicles from the Wheelwright Division on the first floor to the Painting Division on the second floor. Ample closets are provided in connection with this room for the use of students in which to keep material and tools. Adjoining the Paint Shop is a large varnish room. A great deal of house painting, hard oil finishing and graining is done by this division. Each student is furnished with necessary tools and is required to provide himself with overalls and aprons. All of the buildings on the grounds, and carriages, buggies, carts, etc., as well as the furniture made in the Carpentry Division, are painted by the students of this division. The course of study follows:

## VEHICLE AND FURNITURE PAINTING

## FIRST YEAR

First Term: History of paint and painting; names, use and care of tools; care of the painter's health; care of a paint shop; names and use of the various kinds of glass and glazing methods; primary colors; oils and pigments; color matching, glass frosting, mixing various kinds of putty.

Second Term: Review of previous term; cleaning and sandpapering old and new work; methods of removing paint from metal and wooden surfaces; how to prepare all surfaces for their respective primers; white lead and its various uses; uses of fillers and shellac; mixing various stains for furniture and cabinet work; methods of glaze puttying gears.

Industrial classes and mechanical drawing during the year.

## SECOND YEAR

First Term: Sandpapering, puttying, rubbing rough-stuff; preparation of rough-stuff and guide-coats for rubbing different kinds of surfaces; preparation of colors and color-varnishes; how to prepare enamel top dressing for all colors of leather; how to prepare canvas for paint to avoid cracking.

Second Term: Review of previous term; various methods of cleaning furniture; methods of polishing varnish and oil; the proper care of a varnish room; practical striping.

Industrial classes and mechanical drawing during the year.

### THIRD YEAR

First Term: The importance of proper temperature and cleanliness of a varnish room; preparation of bodies for finishing varnish; preparation of colors for striping wagons, buggies, automobiles, etc. Furniture finishing in mission, varnish, enamel and lacquer.

Second Term: Review of previous term; preparation of bronze for striping and decorating; methods of finishing transparent work with carmine, etc., shop management.

Industrial classes and mechanical drawing during the year.

### HOUSE AND SIGN PAINTING

#### FIRST YEAR

First Term: History of paint and painting; names, use and care of tools; care of the painter's health; care of a paint shop; names and use of the various kinds of glass and glazing methods; primary colors, oils and pigments; color matching; glass frosting.

Second Term: Review of previous term; study of different kinds of woods; preparation of different surfaces for paint, stain and varnish; color harmony; names and use of the various paint materials and how to care for them; interior and exterior painting; floor finishing.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: Preparation of old surfaces for repainting, restaining and revarnishing; paint rubbing and wood polishing; metal painting and bronzing; preparation of surfaces for graining and marbling.

Second Term: Review of previous term; preparation of kalsomines and water paints; kalsomining walls, etc., measuring and estimating from plans and specifications; history of wall paper; classification of wall papers and other wall coverings; preparation of walls for paper; making sizes for walls and paste for paperhanging; names, use and care of paperhanging tools; practical work in paperhanging; decorative painting.

Industrial classes and mechanical drawing during the year.

#### THIRD YEAR

First Term: History of the alphabet; tools used in sign and show card writing; classification of letters; different styles of letters; practical work in lettering; preparation of different surfaces

for sign work; different methods of laying off sign work on different surfaces; spacing and cutting in letters.

Second Term: Review of previous term; methods of preparing size for gold leaf; gilding and smalting surface letters; shading and gilding on glass; carving and building wooden letters, brass sign etching. Practical methods of conducting a painting business.

Industrial classes and mechanical drawing during the year.

## PLUMBING AND STEAMFITTING

The tools and shop equipment of this division are such as to give the student a practical and theoretical knowledge of plumbing, steam and hot water fitting, sewer and water line construction. The plumbing and steamfitting in most of the buildings are done by the students in the division.

The work includes the installation of bath rooms and kitchen fixtures, sanitary closets, hospital fixtures, sewers and drains. The steam work includes the installation and operation of the following heating system: One and two-pipe system, steam and hot water, the piping of engines and kitchen apparatus, and other work usually met in practice. The opportunity to learn plumbing and steam fitting is rare, and the chance here offered should appeal to those desiring to learn the trade. The course is as follows:

### FIRST YEAR

First Term: Pipe fitting tools, construction and manipulation; hand tools; pipe joining tools; pipe reaming tools for driving drills; cutting and threading pipes of small diameters; wrought and galvanized pipe and fittings; threading pipes for steam and water; pipe measurements; classifications of different kinds of packing, discs, fullers, corrugated gaskets, etc., repairing bibbs, self-closing cocks, valve flange unions; making right and left connections.

Second Term: Lead and brass pipes; making cup, copper bitt and branch joints; soldering; steam traps and water meter installation; expansion joints, separators, swing joints, anchoring and supporting pipes; pipe insulating.

Industrial classes and mechanical drawing during the year.

### SECOND YEAR

First Term: Cast iron pipes; soil and water pipes; roughing in for bath room fixtures, hospital fixtures, laundry tubs, kitchen apparatus; tapping and making branch connections on water mains; wiping joints  $\frac{5}{8}$  to 4-inches round; installation of closet, bath



and lavatories, shower bath, urinal, and the various plumbing fixtures.

Second Term: System of piping; one pipe and two-pipe steam system, one-pipe circuit, one-pipe relief; modulation and vacuum systems; hot water systems; expansion tanks; systems for residences and buildings; return traps; radiators; circular and plain, wall and ceiling coils; cooking and drying by steam; installation of cooking apparatus.

Industrial classes and mechanical drawing during the year.

### THIRD YEAR

First Term: Installing plumbing jobs; installing heating jobs; calculating radiation for direct, direct-indirect and indirect steam heating; steam and water boiler connections; steam pressures and temperature; installation of feed water heaters, jets and injectors; piping for steam pumps; care and operation of heating systems; sewer pipes—laying and upkeep; cesspools and septic tanks; installing hot water storage tanks from high pressure lines with pressure and temperature regulators.

Second Term: Making drawings for heating and plumbing installation; estimating plumbing and steam-fitting jobs; making specifications for steam and water systems; reviewing city plumbing ordinances.

Industrial classes and mechanical drawing during the year.

### WHEELWRIGHTING

The Wheelwrighting Division is located on the first floor of the Trades Building. It is well fitted for work in general wheelwrighting and repairing.

Included in the equipment are ten wood-workers' benches, 32 inches high, 42 inches wide and 8 feet long. Each bench is divided into two parts, making it possible for two persons to work at the same bench without interference. The benches have three drawers and one closet on each side in which tools are kept.

Each student is provided with the following tools: one coachmaker's vise, one 26-inch No. 6 crosscut saw, one 12-inch back saw, one set of planes, one set of chisels, one set of auger bits, one set of gimlet bits, one ratchet brace, one coachmaker's drawing knife, one spoke shave, one thumb gauge, one tri-square, one bevel, one hammer and one mallet. Other tools are kept in reserve by the instructor, and used only when needed.

This division is constantly building work, such as wagons, drays, new horse and hand carts, wheelbarrows, buggies and road carts. The work of repairing vehicles and farm implements for the school, and a

large amount of repairing for the locality, is also done by this division. The course of study follows:

#### FIRST YEAR

First Term: Care of shop; study and care of tools; measurements; practice work with saws, planes, drawing knives, bits, chisels and spoke shaves; matching and joining; selecting stock as to size, getting working surfaces.

Second Term: Squaring and rounding stock; making joints; selecting stock as to variety and quality; practice work on wheelbarrows and push carts; making wagon parts from patterns.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: Building wagon parts; making push carts and wheelbarrows; repairing farm wagons; making pattern for wagon parts; repairing wheels; principles of wheelbuilding; assembling wagon parts.

Second Term: First steps in laying off thimble skein axles; principles of making thimble skein axles; practice work on buggy parts; repairing buggies.

Industrial classes and mechanical drawing during the year.

#### THIRD YEAR

First Term: Thimble skein axles continued; principles of carriage and buggy building; practice in dropping and arching axles; selection of materials for body frames and paneling; constructing various types of bodies including buggies, surreys and business wagons.

Second Term: Developing cuts for buggy and surrey seats and bodies; review wheel building and thimble skein axle-making; shop economics; estimates; bills of material.

Industrial classes and mechanical drawing during the year.

Students in wheelwrighting receive instruction in woodturning. The course is the same as the one given students in carpentry.

#### THE MECHANICAL SUPPLY DIVISION

In order to facilitate the handling of supplies for the Mechanical Department, a Mechanical Supply Division has been organized. This division handles all supplies including leather, iron, lumber, nails, etc., used in the Mechanical Department and in the conduct of the department, carries on all the operations of buying and sell-

ing, which are commonly met with in commercial businesses of this character and size.

A course of study has been arranged covering two years to give the students who take up this course training in business methods, such as making out requisitions, making bills, listing, taking stock, etc.

The main room in which the office is located is 60x80 feet and is equipped with a manifold machine, gasoline tank, oil tanks, shelves and other apparatus found in a well organized business. In addition to the main room the following buildings, which also come under the Supply Division, might be named:

A galvanized iron building, 16x26, and placed in a somewhat isolated position for keeping paints and oils; a Lime shed, 20x68 feet; a pipe shed, 40x54 feet; two lumber sheds, one for hardwood, 20x110 feet; the other for dressed lumber, 80x20 feet.

Outline of course:

#### FIRST YEAR

Proper arrangement of shelves, bins, counters, etc., including store rooms and warehouses; classifying and grading lumber and other material; receiving and checking in material; weighing and measuring out material.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

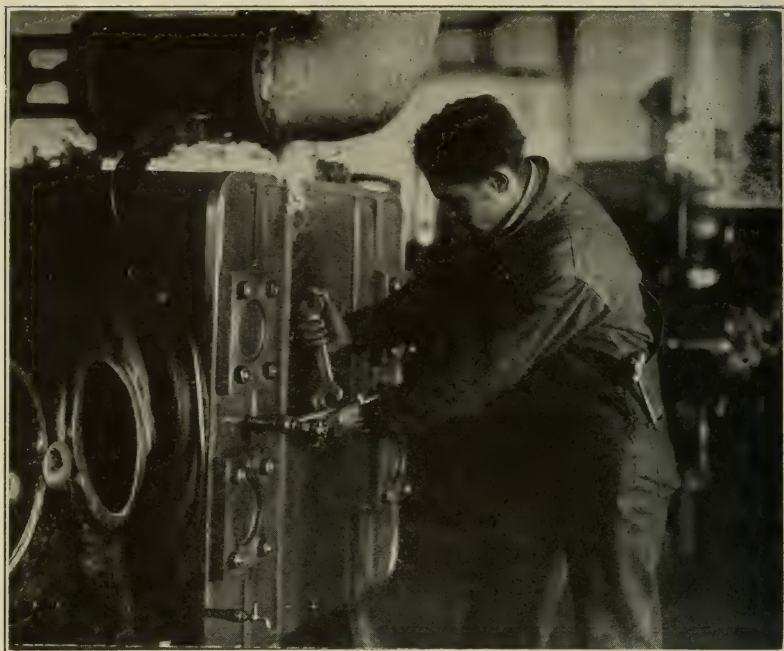
Receiving and checking in material, continued; pricing, as per invoice; making out requisitions from catalogues; price list and quotations; charging and filing; general office practice; keeping stock sheets and taking inventories.

Industrial classes and mechanical drawing during the year.

#### MACHINE DIVISION

The Machine Division is equipped with a number of modern machines driven by motor power. This includes lathes, planer, shaper, drill press, etc., in addition to bench tools, benches and other equipment. The repairing of the mechanical equipment of the school including steam engines, steam pumps and wood working, printing and metal working machinery, gives an excellent opportunity for actual practice in this division. Installed on the grounds and in daily operation are also laundry, agricultural and dairy machinery, which furnishes practical work in these directions.

The machine division of the Institute is the only shop in the immediate vicinity equipped for making repairs on machinery and does a good deal of repair work on gins, saw mills and other such



A STUDENT HELPER INSTALLING BOILERS IN  
THE NEW POWER PLANT

machinery in the neighborhood. The shop is equipped in a supplemental way with apparatus and machines which are not in practical operation at the Institute so as to supplement this deficiency in the course of instruction.

Instruction is given both in theory and in practice. Daily use is made of blue print drawings and free-hand sketches, and mathematical studies are pursued bearing on machine work.

#### FIRST YEAR

First Term: The machine shop and its equipment; machinist's bench; vises; clamping finished and unfinished work in vises; proper use of hammer, chisel and punches; files, their care and use; material and how it should be worked; laying out and making iron beds.

Second Term: Care and use of stock and dies; study of different materials; working and heating metals; use of hand and power hack saws; making tools with hand tools; laying out work for drill press; study of twist drill; grinding and drilling different kinds of materials; speeds of different sizes of drills; study of related drills and taps; use of lubricants on metal when being worked;



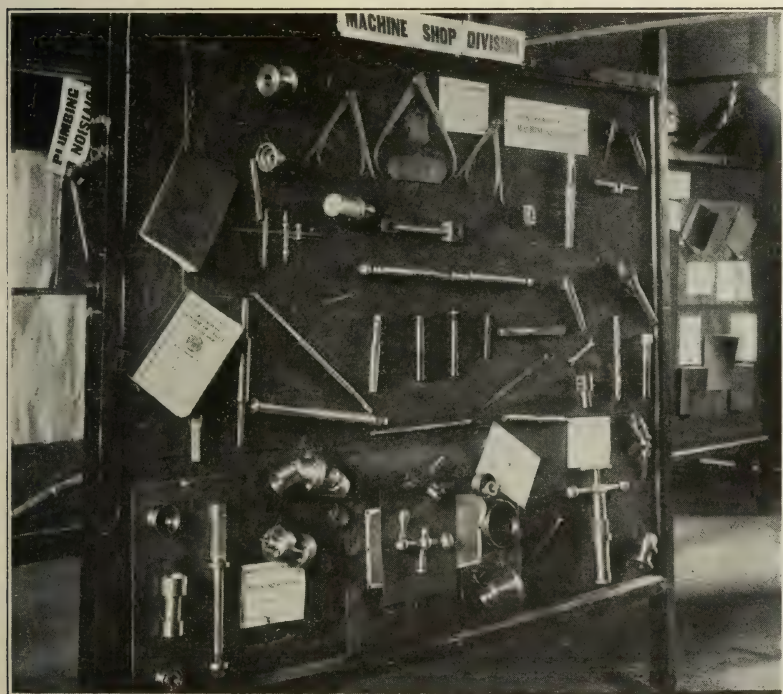
comparative study of machinist's pipe, taps and dies; general review.  
Industrial classes and mechanical drawing during the year.

### SECOND YEAR

First Term: Study of lathes; classes of work such as turning to dimensions; cutting speeds of metals, cutting inside and outside threads, and right and left hand threads; turning tapers; making parts of machines including engines and pumps; making, grinding, and tapering tools; study of tools; study of steels; tempering tools for different kinds of work; case hardening iron; babbitting bearings.

Second Term: Study of belts and belting; shafting; hangers, size and proper distance apart; pulleys and their speeds; calculating speeds for different machines and different shops; adjusting machines; boring mill operations; working from drawings; taking measurements of parts of machines; sketching and duplicating parts; repair work.

Industrial classes and mechanical drawing during the year.



AN EXHIBIT OF TOOLS MADE BY STUDENTS  
MACHINE SHOP DIVISION

## THIRD YEAR

First Term: General review; the lathe and boring mill; gear ratio; turning blanks for gears; study of the milling machine; making keys; cutting key seats; gear cutting; milling bolt heads, square, hexagon and octagon; slotting work; fluting blanks for drills; spiral cutting; milling machine operations.

Second Term: Universal grinding machine operations such as, center grinding, tool grinding, etc.; laying out and setting new and old machines; studying strengths of metals; boiler, pump and engine troubles; boring cylinders and making piston rings for different size engines; general review.

Industrial classes and mechanical drawing during the year.

## HARNESSMAKING AND CARRIAGE TRIMMING

This division is situated in a large, well-lighted room on the first floor of the Trades Building. All of the harness used by the school and a large quantity sold to the public is made in this shop every year. All of the carriages and buggies turned out by the Blacksmith and Wheelwrighting Divisions are trimmed by students taking the courses in carriage-trimming. The course of study is as follows:

## FIRST YEAR

First Term: Harnessmaking — Care of shop, name and care of tools, thread making, practice stitching, quality and preparation of leather, and dimensions of straps. Repairing, cleaning and oiling harness and making odd parts of single and double wagon harness, such as hame straps, breeching, side straps, traces, shaft tugs, fronts, lines, etc.

Second Term: Cutting out, fitting up and finishing single and double wagon harness; the study of a five-ring halter and dump cart harness.

Industrial classes and mechanical drawing during the year.

## SECOND YEAR

First Term: Review of work of the first year; names and grades of trimming; names and grades of leather; study of single and double buggy harness; dimensions of their parts; care of patent leather.

Second Term: Making single and double buggy harness; making harness blacking, the study of break, flexible and gig saddles, pattern cutting.

Industrial classes and mechanical drawing during the year.

## THIRD YEAR

**First Term:** Review of work of first and second years. Study of cart-saddle and truck harness. Technical pattern drafting and economical cutting. Instruction is also given in operating various kinds of harnessmaking machines. The study and making of surrey, express and track harness; practical estimates and designs.

**Second Term:** The study and making of track, coupe and coach harness. Pressed loop work, bristle stitching and hand lacing, making all grades of riding bridles; special sketch work.

Industrial classes and mechanical drawing during the year.

## CARRIAGE TRIMMING

**First Year.** Use of scissors and needles; names of tools; basting, stitching on machine; the study of carriage materials; how to shrink goods; and trimming delivery wagons.

**Second Year.** How to draft and make plain cushions; pattern cutting; how to trim an open buggy; how to make plaited cushions and backs; how to set tops, correct rules for drafting tops and square biscuit work.

**Third Year.** How to trim surreys; trimming top buggies and phaetons; matching colors; diamond biscuit work; the study of squabs and fall figures.

Industrial classes and mechanical drawing during the year.

## COURSES IN PRINTING

Instruction in the Printing Division is designed to give the fundamentals of the general practice of the printing business, with special effort to impart a thorough, sincere mastery of some one of the trades of typography, job and cylinder press work, and linotype operating.

In addition to a large amount of job and commercial work, there are regularly printed in this division, newspapers, magazines, bulletins, pamphlets and other publications in interest of the school. The student, therefore, is in constant experience with almost every form of general printing.

The Printing Division occupies two large, spacious rooms, in the form of an "L" in the southeastern corner of the Boys' Trades Building; one wing being 36x61 feet. In this room are found 16 printing machines, as follows: two Mergenthaler linotype machines, models 1 and 8; a battery of four job presses; a No. 9 Babcock Optimus cylinder press; a No. 3 Cottrell cylinder press; a Brown and Carver automatic cutter; 3 stitchers; a Monitor perforator, and a Portland punching machine. All of these save one are driven by electricity.



In the other wing, measuring 37x56 feet over all, are found separately, a store room, a mailing room, a class room, a proof room, and a composing room. The composing room is furnished with 8 double type case stands, 3 type cabinets, 2 Kaufman imposing stones and cabinets with letter boards, galley racks, sort drawers and sectional drawers for plates.

### TYPOGRAPHICAL COURSE

The course in Typography covers three years and embraces such supplementary instruction as will insure a general knowledge of the whole operation in printing. To enter this course the student must have reached the B Middle Class.

#### FIRST YEAR

First Term: Names and care of composing room equipment; composing room practice: postures, position, sanitation, ventilation; lay of newspaper cases (with drawing); use of the composing stick and composing rule; uses of capitals; small capitals and italics; uses of the period, comma, semi-colon, colon, hyphen, dash, parenthesis, bracket, apostrophe, exclamation, and interrogation marks; straight composition from reprint copy, followed by setting from original copy (live copy used); spacing, justification and leading; punching machine. All of these except one are driven by electricity.

Second Term: Division of words, indentions; paragraphing; proof marks; correcting galley matter from foundry type and from linotype slugs; distribution and the proper placing of materials. Supplementary work: padding, collating sections, inserting, stitching, gluing on covers, trimming. Component parts and use of stitching, punching and trimming machines.

Talks given during the year on History of Printing, Type Metals, Typemaking, Inkmaking, Opportunities for the Colored Printer.

#### SECOND YEAR

First Term: The point system. Sizes of type, brass rules, leads, slugs, metal and wood furniture. Type measurement; use of line gauge. Computing numbers of 1,000 ems to square inch. Tables of standard type measures: newspaper, magazine, business, social forms, poster and placard. Tabular composition from reprint copy followed by exercises from original copy. Main heads, box heads. Division into units, columns and cross rules. Lock-up: inside measurement of job press chases. Position of type form in chase. Justifying type and furniture. Use of various kinds of quoins, keys and shooting stick. Names and sizes of job presses. Their adaptability. Printing materials: paper, envelopes, cardboards. Kinds, uses, colors,



sizes, weights and prices. Inks, glue, paste. Type washes; use of gasoline and lye. Use of lead and rule cutter (limited).

Second Term: Job composition. Simple forms of billheads, statements, letterheads, envelopes, cards, tickets, programs, menus, announcements and invitations; their sizes (over all). Study of appropriateness in selection of type, border and ornaments. General arrangement: margins and white space. Separating into forms for colors. Advertising composition: treatment of heads and sub-heads; use of illustrations. Study of newspaper and magazine advertising forms, dodgers, posters and placards.

Talks given during the year on Trade Statistics and Literature, Printing House Practice, Ethics in the Printing House, Paper-making.

### THIRD YEAR

First Term: Typographic designing (as to form). Lettering: roman, italic, gothic. Development of the alphabet. Arrangement (movement). Shape harmony (consistent structural unity). Balance and symmetry. Emphasis by size, isolation and color. Tone harmony. Proportion (relative space division and sequence). Making layout and preparing dummy. Make up: book; size of pages, running heads, folios, setting off paragraphs and quotations, disposition of awkward or surplus space. Order of arrangement. The use of reference marks, foot-notes, treatment of initials. Newspaper make-up. Imposition: lock-up of forms. Two, four and eight-page forms; twelve and sixteen-page forms.

Second Term: Management, estimating and cost, Publishing, Journalism, Advertising.

Talks given during the year on Embossing and Die Stamping, Lithographing and Offset Printing, Engraving and Platemaking, Stereotyping and Electrotyping.

### COURSE IN PRESS WORK

The course in press work extends through three years. Opportunity is offered for acquiring experience in operating both job and cylinder presses. To complete the course the student must be able to handle successfully any of the presses in the division. To enter this course the student must have reached the A Preparatory Class.

### FIRST YEAR

First Term: Names of important parts of job press and their uses: bed, platen, grippers, bails, disks (solid, double, duplex, vibrating), ratchet, chase clamp, impression throw-off, impression screws, roller, roller carriage, fountain, connecting and driving gears. Care

of platen presses: cleaning, wash-up, oiling. Operating: connecting and disconnecting power drive, use of impression throw-off. Inking. Setting rollers in printing. Feeding: caution on accuracy, cleanliness, registering, speed.

Second Term: Make-ready. Preparation of tympan, planing form in bed, trial impression, regulation of impression, spotting-up, trial sheets, use of underlay and overlay, setting gauge pins, attention to color; care of printed sheets, slip-sheeting; caution against finger prints and blurring of newly printed sheets; caution against worked up spaces, quads, leads, etc., pull-outs of type and rules. Slur and its remedy. Care and treatment of inks. Keeping ink clean; correct consistency; taking ink from cans; special attention to unused colored inks. Reducing, mixing, glossing, bronzing. Color work: half-tone make-ready. Lock-up forms. Supplementary work. Padding, collating sections, inserting, stitching, gluing on covers, trimming. Component parts and use of stitching, punching and trimming machines. Printing materials: paper, envelopes, cardboards; kinds and uses. Type washes: use of gasoline and lye.

Talks given during the year on History of Printing, Type Metals, Typemaking, Inkmaking, Opportunities for the Colored Printer.

#### SECOND YEAR

First Term: Names of important parts of the cylinder presses and their uses: Cylinder—bands, boxes (excentric and outside), clamps, gear, grippers, lifting arrangement. Bed—screws, clamps, register rack, bed motion, gear, ball and socket joint. Drop fingers, gripper motion, impression stand, frame, vibrators, rollers, fountain, jogger, ink plate, track, friction pulley, loose pulley, tight pulley, feed board, feed guides, slides, fountain hook, wrenches, etc. Care of cylinder presses: cleaning, washing, oiling.

Second Term: Operating: Connecting and disconnecting power drive, use of impression throw-off, setting rollers, feeding, caution on accuracy, cleanliness, registering, speed. Inking—care being exercised to see that every part is properly adjusted before starting the machine.

Talks given during the year on Trade Statistics and Literature, Printing House Practice, Ethics in the Printing House, Papermaking.

#### THIRD YEAR

First Term: Make-ready: preparation of cylinder, placing form on bed, leveling the form, trial impression, spotting-up, trial sheets, use of underlay and overlay, setting gauge pins, attention to color, slip-sheeting, caution against finger prints and blurring of newly printed sheets, caution against pull-outs, worked up quads, spaces and leads; cause of slurs and remedy for same. Half-tone

make-ready: cut underlay and overlay, profiling, etc. Color work. Imposition. Lock-up of forms. Two, four, and eight-page forms. Management; estimating and costs.

Second Term: Imposition. Lock-up of forms. Two, four, and eight-page forms. Management; estimating and costs, publishing.

Talks given during the year on Embossing and Die Stamping. Lithographing and Offset Printing, Engraving and Platemaking, Stereotyping and Electrotyping.

## LINOTYPE OPERATING

The course in Linotype operating covers one year. It is open to students who have completed the regular course in typography. It is also offered as a special course. To enter the special course the student must have entered the Senior Class.

First Term: Names of parts of the Linotype machine and their uses: Magazine, keyboard, assembling elevator, assembler slide, delivery slide, vise jaws, mold, mold disk, liner, first elevator, second elevator, spaceband box, trimming knives, knife wiper, distributor box, distributor screws, distributor shifter, cams, ejector lever, starting lever, justification levers, justification springs, clutch, metal pot, plunger, rubber rolls, mold wiper, escapements, keyrods, brake, pawls. General principles of the Linotype machine: assembling, delivering, locking-up, justification, casting, transferring, distribution, and ejecting of the line. Burners: how to care for them; Proper amount of heat required; piping the burner. Care of metal: melting and remelting. Composition of Linotype metal. Cleaning of spacebands (to be done daily throughout the course). Cleaning and wiping the Linotype machine. Keyboard practice: how to sit properly before the keyboard; location of keys; correct way of fingering. Mechanism of the keyboard. Dropping of matrices. Common troubles and how to avoid them. Mechanism of the spaceband box. Dropping of spacebands; Care of matrices: how to handle and keep them in good shape. Special matrices.

Second Term: Mechanism of the distributor box. Distribution of matrices. Changing measure: setting the assembler slide em scale, long finger on delivery slide, liner, ejector blade, left-hand vise jaw and trimming knife. The knife block: how to adjust it to avoid slugs off-their-feet. How to sharpen the trimming knives. Use of the Micrometer and how to read it. Machine adjustments. How to adjust the clutch, vise automatic stop, first and second elevators, spaceband and delivery levers, pump stop, distributor box, spaceband box, keyboard, mold disk, etc. Oiling: the kind of oil to use and how often to oil the machine. Type measurement: use of line gauge; measuring Linotype matter. General machine troubles: how to avoid them. Taking down and erecting: final step on the



learning of the mechanism and operation of the Linotype machine. The student is required to take down, erect and adjust one of the machines, and run it satisfactorily. Lectures on the various models of Linotype machines will be given throughout the course, considering the modern electric pot, the quadding out attachment, the Rogers tabular system, etc.

### AUTOMOBILE MECHANICS

The object of this course is to fit young men to become first-class automobile mechanics. On account of the rapid growth of the automobile industry and the constant demand for men thoroughly trained in the operation and repair of motor driven vehicles, the institution has organized an Automobile Mechanics Division, with a course of study, which when completed will be most valuable to any one taking the course. The main features of this division is to teach the location of troubles and the repairing and general management of automobiles.

The course is mapped out to cover three years, and when completed one has obtained a comprehensive knowledge of the construction and operation of automobile engines, transmissions, carburetors, magnetos, etc.

#### FIRST YEAR

First Term: Keeping parts clean; polishing; greasing and oiling; kinds of oils; where and how to oil; care of tires; how to pump; proper pressure; changing tires; punctures; care of top and upholstery; putting up storm curtains; treatment of leather.

Second Term: Care of lights; polishing reflectors; cleaning lamps; care of gas line; gas and carbon; types of bodies and their care; care of wheels; types of rims; different types of spokes and hubs; care of the different types of springs; what constitutes a chassis; handling car in garage.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: Assembling the rear axles; types of axles; steering wheels; steering knuckles; spindles; cross rods; torsion and radius rods; types and care of chains; shock absorbers and their installation; cranking; types and care of brakes; lining of brakes.

Second Term: Lubrication; properties of oil; lubricators; clutches,—types and purpose; oil pans; types and purpose of joints; radiators,—types, purpose, circulation.

Industrial classes and mechanical drawing during the year.



## THIRD YEAR

First Term: Review of second year's work; motors: the arrangement of parts, order of firing; arrangement of pistons; arrangement of cam shafts; water circulation; cylinders,—their arrangements, bore and stroke; pistons and piston ring; wrist pieces; timing gears arrangements and how set; types and operation of valves; water jackets; road rules for driving; passing vehicles: general control.

Second Term: Carburetors: purpose, combustion and fuel; supply tanks: principles of operation; arrangement of parts; pre-heating gas; regulation of air; ignition and ignitors; magnetos and magnetism; batteries; vibrators; switches; generators; spark control; distributors; armatures; spark intensity; cleaning motor; removal of carbon from cylinder; grinding valves; causes for stopping; causes for irregular firing; knocking and pounding; cooling system difficulties; cylinder and piston troubles; ignition troubles.

Industrial classes and mechanical drawing during the year.

## APPLIED ELECTRICITY

The electrical equipment consists of two 160 K.W. revolving field alternators, three phase, a marble switch board consisting of seven panels and of the most modern design and equipment; eleven three phase induction motors with an aggregate capacity of 100 horse-power, and laboratory equipment consisting of two 5 K.V.A. potential transformers, one reflectroscope, one stereopticon, one D.C. generator, one single phase induction motor (5 H.P.), ammeters, volt meters, kilo-watt hour meter, standard watt meter and battery charging outfit.

Swoops Practical Electricity is used as a text book, supplemented with Hawkins Hand Guides and Encyclopedia of Applied Electricity as references.

## FIRST YEAR

First Term: Electricity and Magnetism; conductors and insulators; effects of a current in a wire and around an iron core; fundamental units; electrical units of E. M. F.; current and resistance; Ohm's laws; units of work: energy, quantity, power; electro-magnetism; magnetic fields; action of fields on each other; cells; internal and external resistance; methods of connecting cells.

Second Term: Proof of Ohm's law by experiment; experiments on resistance in series and parallel; interior wiring rules; operation of arc lamps, including the construction, trimming, regulation and care; assisting on repair jobs of various kinds; installation of bell and annunciator wiring; the care of street lights.

Industrial classes and mechanical drawing during the year.

## SECOND YEAR

First Term: A short review of first year work; fundamental principles of the dynamo; effects of a moving conductor or coil in a magnetic field; the direct current dynamo: its parts and the functions of each part; armature windings; methods of excitation of a D. C. generator; electrical and commercial efficiency of generators.

Second Term: The direct current switch board with a study of measuring instruments; protective devices including the ammeter, volt meter, kilowatt meter, kilowatt hour meter, circuit breakers, rheostats, etc.; D. C. generators in parallel; series incandescent lighting from constant potential mains; the incandescent lamp: construction and efficiency; wiring rules and tables; a study of the rules of the National Board of Fire Underwriters; study of the storage battery. Interior wiring including open, concealed and conduit; care of induction motors and transformers; general line work. Students in the second year serve as assistants at the Power House.

Industrial classes and mechanical drawing during the year.

## THIRD YEAR

First Term: Fundamental principles of alternating current; the sine curve; flow of alternating current through impedance; the A. C. generator: single phase, two phase, and three phase; calculations for efficiency and power factor; characteristic curve; insulation tests, temperature tests at various loads; operation in parallel; star and delta connections; the potential transformers, construction, regulation and the care of same; single phase transformers on three phase lines; the induction motor, and starting compensators.

Second Term: The A. C. switch board including a study of A. C. measuring instruments; relays; oil switches; synchronizing apparatus; ground detectors; voltage regulator, and a study of power plant efficiency; installation of electrical machinery; estimates and bids on jobs. Practice work: operation and care of all electrical equipment at Power House; construction and repair work in K. W. H. Meter reading.

Industrial classes and mechanical drawing during the year.

## TAILORING DIVISION

Located on the second floor of the Trades Building, the Tailoring Division occupies a room 37x56 feet. Ample light is provided by windows on three sides of the room.

A large number of the uniforms worn by the students are made in this division, as are also overalls, citizen suits of different styles and finish, and overcoats. The course of study covers thorough training in repairing. The variety of work in making new garments and in

repairing permits arranging and carrying out a course of study which equips a student for such work as is met in commercial life. The course of study follows:

#### FIRST YEAR

First Term: Care of shop and tools; position on tailor's board, practice in use of needle and thimble in overcasting, felling and back-stitching, button holes; machine sewing.

Second Term: Studying and classifying materials; practice in making flies, waistbands, straps, flaps for pockets, pockets, from drafts; review: cutting and fitting linings; spacing button and button holes; applications of measurements used in making trousers; joining and finishing uniform trousers; use of drafts continued. Students are required to make six pairs of trousers to show proficiency.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: Review; studying different parts of the vest; making various pockets, collars and facings; working from drafts; vest making continued; making backs and foreparts; joining and finishing vests. Students are required to make four vests to show proficiency.

Second Term: Studying various parts of a coat; cutting and making canvas; making collars and sleeves; working from drafts; making facings, fore-parts, edges, joining back seam, basting linings, finishing shoulders, collars, sleeves, etc., working from drafts. Students are required to make six uniform coats to show proficiency.

Industrial classes and mechanical drawing during the year.

#### THIRD YEAR

First Term: Review of first and second years' work; studying changes that affect work in citizen garment making; work on ordinary citizen garments continued; studying grades of materials, estimates and cost and quality of materials; working from drafts.

Second Term: Study of harmony in colors; drapery in garments; measuring and drafting the garments studied. Students are required to make four citizen coats to show proficiency.

Industrial classes and mechanical drawing during the year.

#### BLACKSMITHING AND HORSE SHOEING

The Blacksmith shop occupies a room 37x90 feet on the first floor of the Armstrong Slater Memorial Trades Building. It is furnished with eleven stationary forges with champion blowers, and one portable forge. Near each forge is an anvil weighing 120 lbs.



and a tool bench two feet high, two and a half feet wide and six feet long, provided with drawers and a blacksmith's vise; each bench is furnished with the following tools: one sledge hammer, eight bottom swages varying in sizes from  $\frac{1}{4}$  to  $1\frac{1}{2}$ -inches, one set collar swages, 12 pairs of tongs suitable for handling iron varying in sizes from one quarter of an inch to one and one half inches.

#### FIRST YEAR

First Term: Cleaning shop; making fires; proper arrangement of tools; importance of keeping coal bins and water troughs full; names and uses of tools and machines; the management of horses in the shop; helping advanced students at forge practice; drilling and bending.

Second Term: Helping at forge practice; removing old shoes from horses' feet; the use of dies, punches, screwdrivers, screw plates and taps; the use of the rule and square.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: Making axle sets; setting axles; use of square, calipers, dividers, straight edge and spirit level; economy in the use of coal, iron, steel, oil, and borax; special practice in the use of drill bits, edge tools and screw plates; repairing wagons; anatomy of a horse's foot; faulty action of horses feet in traveling; clinching; leveling; making horse shoes proper angle of foot.

Second Term: Welding and bending iron; uses of fluxes; welding steel; ironing new wagons, carts, wheelbarrows; putting work together; welding axles, tires; repairing carriages and buggies; ironing buggies.

Industrial classes and mechanical drawing during the year.

#### THIRD YEAR

First Term: Forge practice; scientific horse-shoeing; making shoes to correct forging; knee knocking, contracting heels, interfering, cross firing and stifle troubles; laying off work; getting angles and circles; fitting bands to cones.

Second Term: Various kinds of welds and how to make them; tool making; repairing farm implements; effect of sand and borax on welding heats; building carriages; building buggies; keeping shop books; making estimates; making bills for material; keeping shop supplies; shop management; measuring vehicles; leveling bodies and shifting rails for tops.

Industrial classes and mechanical drawing during the year.



## BRICKMAKING

This Division is located about a half mile from the center of the Institute grounds. All of the bricks used on the school grounds and most of those used in the surrounding community are made in this Division. The machines installed are one No. 8 Brewer brick machine with the necessary pug mill, clay crusher, clay elevator, steam boiler and engines. The daily capacity is 20,000 bricks.

The brickmaking is carried on largely in the summer, and instruction is given mostly at this time. The course of study follows:

### FIRST YEAR

First Term: Care of yard; names of tools and machines used in making bricks; methods of handling clay; preparation of clay; bedding and tempering clay.

Second Term: Disintegrating and pugging; methods of handling green bricks; platting, casing and dubbing kilns; classification of clays; testing clay for bricks.

### SECOND YEAR

First Term: Care of machines; material for burning bricks; filling and closing kilns.

Second Term: Setting bricks; management of yard; composition and analysis of clay; distribution of clay; burning kilns.

### THIRD YEAR

Preparing different kinds of kilns; location and the arrangement of the yard; installation of the machines; burning kilns; review.

## STEAM ENGINEERING

A new Central Power Station has recently been built to take care of all the electric transmission, steam heating, motor driven and compressed air services needed daily.

Direct connected electric units with high speed automatic engines, Corliss engine for refrigeration machinery, air compressors of the two stage type, with vacuum pumps, feed, service and fire pumps are used daily for the instruction of students. Steam pipe lines from this plant are connected to thirty-one of the school buildings, with the necessary steam specialties such as reducing valves, steam traps, hot water boilers with automatic connections, etc. Special instruc-

tion is given in steam boiler management as the boiler plant is a very modern one with the latest type of water tube steam generators.

#### FIRST YEAR

First Term: Steam boilers, types and uses; fuel economy; methods of firing; care of various types of boilers; combustion; smoke abatement; evaporation; furnace cleaning and the combustion chamber.

Second Term: Boiler inspection; repairs; use of steam blowers and turbine cleaners; compounds for scale prevention; draft gauges and dampers; fuels and their value; maintaining uniform steam pressure.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: Safety valves; fuse plugs and the proper care of stop and check valves; feeding boilers, pumps and injectors; weights of fuel and ash; economical use of gases and furnace temperature.

Second Term: Hand firing; turning steam on pipe lines; pressure regulators and recorders; hot and cold water pumps; heaters and meters; steam pipe insulation; conduits and packings.

Industrial classes and mechanical drawing during the year.

#### THIRD YEAR

First Term: Packing pumps, valves and unions; methods of starting and stopping steam machinery; types of high speed engines, governors and valves; management of steam plant operatives; proper installation of separators, extractors and lubricators; foundations and erection of engines; steam piping and the engineering of problems of same; artesian wells and air lifts.

Second Term: Cold water supply and pumping systems; designs for same; steam engine erection and designs; the use of the indicator and power calculations; cost accounting for the power station; air compressors and uses of compressed air.

Industrial classes and mechanical drawing during the year.

#### SHOEMAKING

The Shoemaking Division is on the second floor of the Boys' Trades Building. Shoes for students and teachers as well as for persons outside the school are made in the shop. Most of the repairing for the school is done in the shop. This work gives the student a great amount of practice. The equipment includes a set of

Goodyear shoemaking machines as follows: one Goodyear welt or turning machine, one Goodyear rapid lock stitcher, one welt-channeler, one outersole channeler, one welt-beater, one bobbin-winder, one welt-groover, and one welt-splitter. Besides this machinery, two latest improved Wheeler and Wilson machines have been added to the upper-making department of this division.

The course is mapped out to cover three years, two of which should be spent in the Night School in order to cover the ground in the specified time.

#### FIRST YEAR

First Term: Thread breaking; making ends; making different stitches; sharpening knives; care and uses of tools; common half-soling and heeling; preparing leather for use; soling and heeling nailed shoes; different kinds of patching and half-soling sewed shoes.

Second Term: Method of putting together different kinds of shoes; study of different leathers; high-class repair work; preparing insoles and putting bottoms on common shoes.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: Review of first year's work; repairing pump-sole shoes; the study of heels and how to build them to best suit the wearer; bottoming shoes; cutting leather to the best advantage; grading and selecting leather to best suit the purpose or result desired.

Second Term: Problems pertaining to shoemaking; putting uppers together.

Industrial classes and mechanical drawing during the year.

#### THIRD YEAR

First Term: Building shoes to best suit the customer's foot, walk, occupation and taste; upper making and drafting.

Second Term: Bottoming shoes; study of uppers of different styles; repairing; drafting; bottoms; business methods.

Industrial classes and mechanical drawing during the year.

#### MECHANICAL BOOKKEEPING DIVISION

The work of the Mechanical Bookkeeping Division relates entirely to the accounts of the Mechanical Department. The usual bookkeeping operations are carried on, and in addition there is a system of cost accounting which is of sufficient extent to give valuable training

in this direction. Including, as this division does, the bookkeeping of the building trades, the vehicle building trades and the other divisions, opportunity is afforded to study bookkeeping as applied to the mechanical trades under actual operating conditions.

The following topics are included in the work covered: Books—their classification, forms and rulings; purposes for keeping books of accounts; methods of bookkeeping. Accounts—Definitions; construction; classification; journalizing; posting; trial balance; balance sheet. Cost Accounting—How costs are ascertained; the objects of ascertaining cost; the classification of costs; the selection of a system.

## POST-GRADUATE COURSES OF STUDY IN THE MECHANICAL INDUSTRIES

Courses of study in the Mechanical Industries designated as *Post-Graduate* and *Special Courses*, are herein set forth.

The definition of a Post-Graduate and a Special student, also the rules governing the same are to be found below.

It is the purpose of these courses to furnish students coming under the above designations, with an opportunity to take advanced work in a Mechanical Industry after having completed a regular industrial course at this institution or its equivalent at some other institution, and to take the regular industrial course, when they have either not completed it or have had no work in such industry.

The advantages to be gained from taking these courses will be seen by reading the programs under the headings of the several trades.

### ARCHITECTURAL DRAWING

This course will afford students in the building trades opportunity for advanced work in the designing of buildings, and in the study of constructive, detail drawings, specifications, etc. Students in the other trades will be given more specialized and advanced drawings than is possible in the regular course.

The course is broadened and extended for students who desire to qualify as Architectural or Mechanical Draftsmen and who take no other trade.

First Term: Study of different styles of architecture; advanced architectural designing.

Second Term: Advanced graphic statics and steel roof trusses; fireproof and steel construction; study of office methods; practice teaching.



## ONE-YEAR COURSE IN CARPENTRY

First Term: Review of window frame building; house framing and outside house building, finishing and inside trim; stairway building. Designing stairways to be built in a given space, making detailed accounts of construction and cost. Shop work; wood turning.

Second Term: Building of furniture; brazing band-saws, sharpening and setting band-saws. Sharpening, setting and gumming circular saws; wood turning; plan reading; making out bills and orders; estimating; contracts and specifications; shop work.

Mechanical drawing throughout the year.

## MASONRY

First Term: Review of estimates of labor and material for masonry, plastering, tiling and concretes; constructive features in brick and reinforced concrete work; plan reading; tiling; fireproof vaults; fireproof buildings; terra cotta floor arches and trimmings; contracts and specifications.

Second Term: Laying out and leveling buildings by use of transit; pavements; shoring; underpinning brick buildings; practical and theoretical methods of designing and laying out arches; ornamental brickwork; building superintendence; selecting sites; columns; arches; building laws; law of contracts; relation of contractor to architect, and contracting and building.

Mechanical drawing throughout the year.

## PLUMBING AND HEATING

The aim of this course is to give advanced work to those who have some practical knowledge of the trade, and who desire to acquire the broader branches of the trades. A laboratory is available consisting of a modern equipped hospital, twenty-six steam heated buildings, two hot water heating systems, plumbing in the majority of the buildings and in the town of Greenwood and a modern water system.

First Term: Method of making lead joints from 5-8 inch to 4 inches round and branch joints, butt, sweat, blow joints, copper bitt joints, tapping mains under pressure, stop cock insertion, testing quality of pipes; designing bath rooms.

Second Term: Repairing, sterilizers, douche sprays, knee action fixtures, making plumbing traps 4 inches round, half S traps, running and P traps, soil pipe joints, local ventilation, hot circulating system, pressure and temperatures, regulators, installation and repairs. Disposal of sewage, local ventilation, house heating boilers, connection, covering pipes and boilers, boiler piping, systems of

warming, building superintendence, designing heating systems, records and plans.

Mechanical drawing throughout the year.

### TINSMITHING

First Term: Cutting pattern for a raking bracket, cutting balls, drafting arcs of long radii, cutting curved O. G. mouldings. "Bumping up" patterns of balls with hammer on block and constructing same. Making metal letters, designing hammered rosettes, forming beads for circular work. Review work.

Second Term: Drafting miter between straight and curved mouldings. Making full size detail drawings for shop work. Constructing rake modillions, raise curve moulding or curve moulding machine. Arranging the O. G. moulding when made by hand; cutting skylight patterns, flat single and double pitch. Method of putting in glass. Method of finding the true length of the curbs and bars of skylight frames. Braking skylight bars, curb and cornice or brake. Putting these frames together and setting same on job. Putting circular work together, general review. Making out bills of materials. Shop management.

Mechanical drawing throughout the year.

### HOUSE AND SIGN PAINTING

First Term: Decorative painting in oil and water colors. Plain and decorative wall paper-hanging. Graining and Hard Wood finishing.

Second Term: show card writing; banner lettering; wall and fence advertising signs; scroll and letter carving; lettering on glass; brass sign making; wire sign making; letter building; large roof sign construction in wood and iron; electric and ornamental signs.

Mechanical drawing throughout the year.

### VEHICLE AND FURNITURE PAINTING

First Term: Furniture finishing; automobile painting.

Second Term: Automobile painting; monogram and scrolls.

### WHEELWRIGHTING

First Term: Building various kinds of gears, namely: business wagons, drays, dump carts, dump wagons, buggies and carriages. A study of styles; making sketches from observation; planning; building various kinds of bodies, namely: business wagon bodies, dray bodies, dump cart bodies, dump wagon bodies, buggies and carriage bodies. Detail drawings of parts to scale. A thorough study

of materials, properties and their composition and application. Geometry applied to vehicle construction.

Second Term: building fancy delivery wagon bodies, buggy and carriage bodies. Setting up jobs. Special attention given to developing original ideas. Geometry applied to vehicle construction.

Mechanical drawing throughout the year.

### BLACKSMITHING

First Term: Making out bills of material for building vehicles; shop management. Making axle sets and measuring gears. Applying various angles in laying off work full size. Making 5th couplings. Study of the anatomy of a horse's foot. Leveling vehicle bodies. Making carriage fenders and dashers. Setting canopy tops. Making joints for tops and seats. Scientific horse-shoeing.

Second Term: Making platform gear irons. Finding volumes of different shapes of metals. Machine shop forging. General forge practice throughout the year. One month's work in wheelwright shop is recommended for students taking this course.

Mechanical drawing throughout the year.

### CARRIAGE TRIMMING

This course offers advanced study in drafting and computing amounts of materials required for various styles of vehicles. The chief aim of the course, however, is to afford a broad opportunity for acquiring a technique in workmanship, which shall fit the student to become a skilled mechanic.

First Term: Drafting various styles of cushions, backs, sidepads, falls, etc. A study of different types of vehicles together with trimmings adapted to each.

Second Term: Computing amounts of materials needed for jobs. A study of seams, welts, laces, falls, gimps, beadings and figures. Setting various styles of tops from drafts. A study of top construction. Lessons in padding, stuffing and pleating. Lessons in figure-stitching and forming raises. Lessons in trimming, curved and straight dashes and fenders.

Lessons in cutting materials for body trimmings. A study of rocker padding. A study of colors, as adapted to various styles of vehicles. A study of the characteristics and technics of trimmings and materials. A study of automobile trimming. Special lessons in tufting.

### HARNESSMAKING

The aim of this course is to meet the needs of students who, having completed the regular course or its equivalent, are desirous of doing advanced study in the theory and practice of fine grades



of harness and riding saddles. Special emphasis is also laid upon purchasing materials, together with a supplementary study in the cost of production.

First Term: How to fit up and finish various types of bridles, pattern cutting, special lessons on operating harness machinery, special lessons in dyeing out various parts of harness, a study of breechings, breast collars and tugs. Some points about leather and trimmings. Lessons in designing various kinds of harness. Lessons in selecting and cutting leather for different parts of a harness. Making and setting stays.

Second Term: Making gig and flexible saddles, with tufted and short pads. A study of coach, landau, tandum and Victoria harness. Special lessons on strap and folded work. Lessons on purchasing materials for various types of harness. Supplementary study in the cost of production. Making various styles of riding bridles, and martin-gales. Supplementary study in making various styles of riding saddles.

### SHOEMAKING AND HARNESSMAKING

This course is offered to those who, having completed a regular course in shoemaking or harnessmaking, are desirous of specializing for one year. The object of this course is to furnish an opportunity for a graduate in either one of these trades to acquire a fair working knowledge of the other trades.

### STEAM ENGINEERING AND MACHINE SHOP PRACTICE

Having just completed a new central Power Plant with modern steam, air, and electric machinery, the Post-Graduate courses are new and complete.

Steam engineering in all its branches may be studied from the practical operation of first class equipment, as the plant is in operation twenty-four hours each day. Water tube boilers, hot and cold water pumping machinery, coal handling equipment, recording gauges and engineering instruments for aiding the student engineer in solving the mathematical part of power house management are here explained.

A combination of seven high speed, automatic, Corliss, and slide valve engines are operated.

A refrigerator plant is also included of ten tons capacity per day.

A complete compressed air system working at 100 pounds pressure is used daily to force water from five artesian wells and two one-half million gallon pumps furnish water to grounds and build-



ings while there is special machinery for use in high pressure pumping in case of fire on the school grounds. Power is furnished for the lighting system of 7,000 incandescent lamps, and mortars are used in fourteen shops.

Steam heating lines for hot water supply and radiator systems are over six miles in length and furnish steam to thirty-one buildings on the grounds including a steam laundry and steam cooking utensils.

### ELECTRICITY

First Term: Alternating current machinery. The simple alternator; advantages and disadvantages of A. C. currents. Power law. Ohm's law for alternating currents. Graphic representations. Instantaneous and average power; synchronism; phase differences, inductance; capacity; impedance; condenser as compensator for lag; losses in transmission line; measurement of power in A. C. circuits; alternator, regulation; Y and Delta connections; balanced and unbalanced systems; alternator losses; efficiency and overload capacity.

Second Term: Storage Batteries: primary and secondary cells. Electrolyte; chemical action; commercial types of batteries; charging; discharging; efficiency; depreciation; commercial applications; management of dynamos; selection of machine; location and erection; direct connection; parallel and series connections; speed regulation; rules for operation; inspecting and testing; locating and remedying troubles.

Mechanical drawing throughout the year.

### LINOTYPE OPERATING

This course covers one year and is designed to supplement the regular course in Linotype operating and is offered to persons who wish to become expert Linotype machinists and operators, taking care of the adjustments and repairs which usually arise in such work.

The equipment consists of two Mergenthaler Linotype machines—one Model No. 1, and one Model No. 8, triple magazine, quick change. The course is as follows:

First Term: Lecture on the various models of Linotype machines. Theory and practice in machine adjustments. Care of matrices and spacebands. Oiling.

Second Term: How to attain speed on the keyboard. How to set intricate tabular matter. Hints on the health of the Linotype operator. Use of standard tools. Repairs.

Operating is taken up at the beginning and practiced throughout the course.

## TAILORING

The demand for the graduates from this division, to teach in Industrial Schools or to act as managers of shops has increased to such an extent that the school has arranged the following course. Students who have finished the regular course or its equivalent or who pass a satisfactory examination will be admitted to this course.

First Term: How to set up and manage a shop. Buying and selling. Manipulation of block patterns. Figuring the cost of a suit in detail. Teaching industrial classes. Drafting proportions. Mixed proportions. Study of harmony. Hotel suits.

Second Term: Degrees of deformation. Variation. Individuality. Domestic and Foreign woolens. The correct American dress chart. How to cut from style plates. Designing. Composition work required weekly.

## DEPARTMENT OF WOMEN'S INDUSTRIES

For purposes of greater convenience and efficiency, the Department of Industries has been divided. The industries for young men and those for young women are in charge of separate Directors.

### DOROTHY HALL

Dorothy Hall, the Girls' Industrial Building, is a substantial structure fronting the Slater-Armstrong Memorial Trades Building. It is 120 feet by 144 feet in its greatest dimensions. In plan, it is in the shape of the letter "H," the front or central part facing the west. The south wing of the building and the central part are two stories high. The north wing is three stories high. The basement story contains four rooms. These rooms are used for assorting clothes and storing material belonging to the laundry. Here also is the laundry machinery and the tubs for hand washing.

The first story contains eight large rooms in addition to smaller rooms, used as an office, waiting room, etc. The rooms in the south wing, four in number, are used for the Dressmaking, Ladies' Tailoring, Millinery and Plain Sewing industries. Those in the north wing are for laundry purposes, two of which are ironing rooms, and two others are used for assorting and distributing clothes. In the ironing rooms are installed ironing machinery and boards for hand work. Connecting these two wings are smaller rooms for a waiting room, office, etc.

Friends have given \$13,000 for a new Laundry Building, and it is now in process of erection. It will have modern conveniences and will be a welcome addition to the school's present plant.

The second story contains eight large rooms. Four of these are in the south wing and are used for cooking, for dining room service, and for class rooms. The north wing contains four large rooms which are used for training students in nursing and child nurture; for mattressmaking and upholstery, and for the drying of clothes. The two rooms which are used as drying rooms are fitted up with steam drying racks. Between these two wings are smaller rooms which include a kitchen, dining room, bed room and sitting room, for teaching home keeping.

The building is well supplied with clothes closets, toilet arrangement, pantries, etc., and provided with wide halls and ample stairways. It is built of brick with wood trimmings, the roof being cover-

ed with tin. The interior finish is of hard pine, painted. Electricity is used for lighting. The building was largely constructed by student labor.

### PLAIN SEWING

Girls who know practically nothing of needle work are admitted to this division. After completing the course they are promoted to the Dressmaking Division.

#### FIRST YEAR

Threading needle and the use of thimble, basting, overhanding, stitching, overcasting, gathering, putting in gussets, herring-bone stitching on flannels, hemstitching, tucking, and whipping ruffles, chain stitching, feather stitching, making button holes and eyelets; darning on cashmere, slip and blind stitching, mending, darning, patching. Sample book begun, showing specimen stitches.

#### SECOND YEAR

Names of sewing machines and parts, attachments, uses, how to clean, oil and operate the machine; machine stitches; choice of material; cutting and making men's underwear, also white and negligee shirts, taking measures, cutting white shirts by measure; cutting, basting, stitching and trimming underwear; cutting and making plain cotton dresses. Sample book completed.

NOTE.—This course is intended for hand-sewing, giving practice in all kinds of stitches on suitable material. Theory class in the sewing room, Wednesdays and Thursdays from 10:45 to 11:45 a. m., and 2 to 3 p. m.

### DRESSMAKING

This is one of the most important industrial divisions for girls. The room is fitted with tables for drafting, tracing, and cutting, and with sewing machines, dress forms, mirrors, books of modes, and showcases for finished work.

Applicants must have completed the course in Plain Sewing, or must pass an examination to prove their knowledge of hand and machine sewing, and their ability to make simple garments, in order to secure admission to this division.

#### FIRST YEAR

Measurements according to the Vienna Tailoring System; choice of material; drafting and cutting foundation and outline skirt measurements; making, hanging, facing and trimming skirts; talks on form, line and proportion in relation to drafting and trimming; drafting, cutting and fitting, and general finish of plain basques.

#### SECOND YEAR

Drafting waists, sleeves and accessories to waists from measure-



ment; drafting waists with extra seams for stout figures; cutting and fitting close and double-breasted garments; fitting and matching stripes, plaid and figured waists and skirts; talks on form, including artistic and hygienic principles of dress, on colors and textiles, as applied to dress; advanced work in making complete dresses from different materials. Much time is devoted to practical work.

### THIRD YEAR

Cutting, fitting and pressing; practice in the use of colors; talks on manufacture of cloth; drafting jackets of different styles, making various styles of collars and pockets; lining and finishing pockets; drafting garments of every kind; making and finishing garments of various kinds from different materials. Theory classes, Wednesdays and Thursdays from 10:45 to 11:45 a. m., and from 2 to 3 p. m.

*Note.*—Night School students are not admitted to this division.

### LADIES' TAILORING DIVISION

This division is designed to teach tailoring and advanced dress-making. Tailor-made suits, designing and costuming are specialties of this division. Post-graduates only and young women completing the dressmaking course are admitted to this division.

### MILLINERY

Applicants must be able to do neat hand sewing. Pupils are required to complete satisfactorily the first course, or to pass an equivalent examination before entering the advanced class. Night School students are not admitted to this division.

Regular Fall, Winter, and Spring openings are held every year, and visitors are invited to inspect the work of students. Hats, bonnets and fancy articles are made to order for teachers, students and others.

In this division are two graded courses, each covering a term of four months.

First Term: Talks on color and textiles; instruction in choice of materials, wiring, folds, bindings, fitted facing, full facing, puffed edges, variety of bows; talks on the manufacture of felt and straw hats, and of ribbon, on form and line; principles applied to a hat of choice, materials, drawing pencil practice, cylindrical objects, untrimmed hats, drapery, bows.

Second Term: Instruction in the use of color, form and line; plain bonnets covered, trimmed and lined; talks on manufacture of crepe and the growth and manufacture of silk; crepe bonnets, silk hat- or bonnet-making, toque- and turban-making; drawing trimmed hats and bonnets; notes on form and color; practice in use of combination of colors.



COOKING CLASS

Review of previous work. Practice teaching by advanced pupils. Theory classes, Wednesdays and Thursdays, from 10:45 to 11:45 a. m., and 2 to 3 p. m.

### COOKING

The Division of Cooking uses two kitchens, three dining rooms, a sitting room, a bed room and bath room properly fitted. Constant practice is afforded all of the young women in the care of these rooms. During the past year five hundred girls have received training in this division. The Institute insists that every girl shall receive instructions in Cooking. Special stress is laid upon cooking plain, ordinary food. The course of instruction extends over four years and is as follows:

#### PREPARATORY COURSE

Measuring, fuels, care and adjustment of wood, coal, oil, alcohol, and gasoline stoves; cleaning of kitchen utensils, etc.; care of materials which come from market; study of cereals, corn, rice, Italian pastes—macaroni, spaghetti, etc.—their origin, climate, composition, food value, cooking; personal cleanliness, cleaning kitchen, pantries, closets; drawing of animals, their uses, products of each, how preserved, food value; study of fish, food value, composition; study of eggs, food value, composition; household cleaning—each room separately, refrigerators, sinks, etc.; treatment of insects; care of table linen; breads without yeast; corn bread, biscuits, muffins, pan cakes; vegetables, food value, cookery.

## JUNIOR COURSE

Table setting; daily meals, special occasions; serving of daily meals, special occasions; care of glass, silver, china, brass; care of linen, marketing.

In this connection the girls, under the supervision of a teacher, receive instruction in marketing wisely and economically, at the Creamery, Poultry Yard, Truck Garden, Meat Market, and Grocery.

## B MIDDLE COURSE

Serving: daily meals, special occasions; special practice work in Teachers' Home under competent teachers; breads: with yeast, without yeast; vegetables: with meat, without meat; meats: boiling, steaming, broiling, roasting, frying; salads; souffles; puddings, candies; desserts; frozen sweets.

## A MIDDLE COURSE

Care, uses and management of stoves, gasoline, oil, alcohol, chafing dish. Table setting for special occasions; serving meals for special occasions; planning menus; estimating cost; breads; pastries; soups; batters; simple cakes.

## SENIOR COURSE

Table service, study, planning and cooking of breakfasts, lunches, dinners, suppers, various methods of preparation and garnishing. Food production and manufacture; more advanced study of cereals, flours, fruits, vegetables, meats, dairy products, etc.

## POST-GRADUATE COURSE

Theory and practice of teaching Domestic Science; lesson plans, course of study, class-room management, equipment, practice teaching, etc.

There is set aside in the Division of Cooking a "Practice Kitchen and Dining Room" in which young women desiring to be cooking teachers, professional caterers, etc., may receive special training for their work.

A limited number of young women are admitted to this course each year.

## COURSE OF STUDY FOR HOUSEKEEPERS

## A MODEL HOME AND SURROUNDINGS

The House: location, architecture, apartments, furnishings, decorations, exterior and interior.

The Yard: walks, plants, flowers, shubbery, fountains and lakes.

Qualifications of a good Housekeeper: Industry, cleanliness, health, appreciation of the beautiful, cheerfulness and general intelligence.

Housekeeper's Attire: Dress, aprons, cap, sleeve protectors, shoes, etc.

Old and new methods used in Household Economy.

Substances and implements used in Household Work: Materials made in factories. Materials made at home.

Contents of: Housekeeper's closet and cabinet.

Study of soap, soap powder, sapolio, lye, bon ami, soda, lime, benzine, varnish, paint, starch, bluing.

General care of rooms, hallways, closets, etc., sweeping, washing, dusting and beautifying.

Proper and improved methods of sweeping, dusting, washing, oiling, mopping or scouring and polishing.

Porches: furniture and plants.

Care of contaminated room and materials: carbolizing and disinfecting, fumigating, etc. Methods and materials used in disinfecting. Precautions to be used.

Vermin: precautions against becoming infected with them. Materials used in destroying them, i. e., roaches, bed-bugs, mosquitoes, mice, etc.

Care of leather furniture, plush furniture, rattan furniture.

Wall paper: Are papered walls desirable?

Carpet and Rugs: Sweeping, renovating, repairing, pressing, etc.

Bed Linen: Laundering, ironing, repairing, marking. How to repair an old sheet. Care of bed spreads. Laundry lists, baskets, bags, etc.

Lamps: cleaning, filling, wicks, burners, etc., varieties of lamps. Care in use of lamps.

Electrical Fixtures: Care of, precaution against abuse, waste and danger.

Special care of wood work, furniture, painted and oiled floors. Covering for floors. Drapery for windows.

The Bed Room: Necessary furnishings. Vacuum cleaners. Sweeping and dusting. Carpet sweepers. How and when to make a bed. Care of bed, mattress, pillows, etc. Care of wood work and glass. Arrangement of furniture, with reference to drafts. How to prevent too much sunlight in a room. Adornment. How to ventilate. Special devices for ventilation. Cleaning windows. Cleaning mirrors.

Bath Rooms, Toilets, etc. Cleaning the porches, porcelain ware. Cleaning brass fixtures. Cleaning flush bowls. Cleaning material, disinfectants. Ventilation.

Sitting Rooms and Parlors: Suitable furniture, hallways. Suit-



able ornaments. Use of parlor. Why some parlors and sitting rooms are not attractive and comfortable.

Guest Chamber: Furnishings. Care of guests.

Windows. Care of windows. Care of window shades, care of window curtains. Material and style of curtains. Care of window blinds.

Care of mattresses, mattress pads, pillows, comforters, blankets, ticks, etc., brooms, brushes, whisk brooms, dust pans, fire buckets, door mats. Fire places, stoves, grates, radiators, oil stoves. Dainty materials: curtains, tidies, scarfs, colored fabrics, silk fabrics, Gilt materials: Silverware, brass, marble, plaster casts, leather, glass porcelain, tin, etc.

Pictures: selection of good pictures. Care of pictures. Hanging, as to light and ease of view, appropriate pictures for various rooms.

### LAUNDRY

Young women are taught the art of washing and ironing according to improved methods; five washers, two extractors, a mangle, and a starcher help to lighten the work of the division. Drying rooms and ironing rooms provided with excellent facilities afford means for thorough teaching. All of the laundry work of teachers and students, including washing of bed and table linen, is done in this division. The course covers one school year as follows:

Water: (a) definition, (b) kinds, (c) uses; soaps: alkalies; irons: (a) kinds, (b) uses; washing: (a) preparation, (b) how to wash flannels, linens, prints; drying; preparation for ironing; miscellaneous work: laundering laces, silks, etc.; receipts for making soap, bleach, removing stains; practice work; studies in chemical analysis of bluing: kind; starch: varieties; acids: kinds, uses; preservers of color in fabrics; machinery: use, care. Theory classes, Wednesdays and Thursdays from 10:45 to 11:45 a. m.

### SOAPMAKING

Facilities for Soapmaking have been added to the Laundry Division. Combined with the course in laundering is the making of various kinds of soap for toilet and other purposes. Theory classes, Wednesday, 10:45 to 11:45 a. m.

### DOMESTIC TRAINING OF GIRLS

It is the policy of the Institute to give special attention to the training of girls in all matters pertaining to dress, health, etiquette, physical culture and general housekeeping. The girls are constantly under the strict and watchful care of the Dean of the Woman's Department, the Director of Women's Industries, and the lady teachers. Special rules governing the conduct of the girls are made known to them upon arrival. In addition to the general training they receive

practical talks from various members of the faculty on such matters as relate to the care of the body, social purity, etc.

### PRACTICE COTTAGE

In order to give the girls practical demonstration in home-keeping and to develop their sense of responsibility, a five-room cottage called "Practice Cottage" is set aside, in which the Senior girls keep house. The class is divided into sections of five girls each, who live in the cottage, having entire charge of themselves and the house, doing all of the work pertaining to housekeeping, from the Monday's washing to the Saturday's preparations for Sunday. They are charged with the responsibility of purchasing the food supplies, being allowed a sufficient amount of money to cover cost of the same, including fuel and light, and are required to make accurate weekly statements of all expenditures of the home.

### MATTRESSMAKING

The work in this division begins with a series of systematic graded exercises. The theory of caning and upholstering is taught by talks or by assigned reading. The course covers two years.

#### FIRST YEAR

Repairing, covering, cutting, preparing materials for mattresses, making comforters, making mattresses and pillows; cording boxes, beginning chair caning on frames; drawing individual patterns for chair bottoms designed from studies; estimates of cost of different materials used for window seats in upholstering; measurements, cutting and making.

#### SECOND YEAR

Studies in designing for caning and making chairs, practice work; upholstering box couches, hassocks, window seats; test work in designing and making articles manufactured in this division. Written reports on the past work, with special reference to present practice.

### BASKETRY

The course covers four years, and is intended to teach weaving and twisting native grasses—the palm, pine needles, twigs, etc.—into beautiful and useful forms. It fills the need of a practical and profitable home industry.

#### FIRST YEAR

Material, native; gathering and preparation; study of form and combinations; twisting, sewing, knotting, etc.; practice in simple forms.

## SECOND YEAR

Work in raffia, reed and splint work in native material continued; combination of forms; practice work in type forms; combination of materials; study of ancient and mediaeval designs; theory of basketry; individual designs from nature, scroll and decorative work.

## THIRD YEAR

Indian and African basketry; belts, beadwork fobs, chains, review of forms and designs; decorative art; combination of colors; harmony in materials by constructive work; comparison of ancient and modern basketry; combination of these forms; constructive art developed; practice teaching; practical work in making and repairing cotton baskets, hampers; beadwork continued.

Fourth Year. Review of the three years' work; practical teaching.

NOTE.—Day school students only are admitted to this division.

## BROOMMAKING

Broommaking, connected with basketry for girls, is an industry recently introduced. It covers a course of one year. Practice is given in use of machinery, in cleaning and dyeing broom straw, assorting stalks, sizing, wiring, stitching and manufacturing brooms of all sizes.

Theory classes are held Wednesdays and Thursdays from 10:45 to 11:45 a. m., and 2 to 3 p. m.

## POST-GRADUATE COURSES

Candidates for these courses must have previously received the preceding courses as prescribed in this catalogue, or they must satisfy the director that they possess equivalent attainments.

### SEWING

Costume designing: (a) sketching; (b) studying the human form; (c) designing gowns. Art needle work. Varieties of stitchery.

### MILLINERY

Drawing; water-color designs; designing drapery bows, hats, outline and proportion of human head; adaptation of different styles to the face; designing of hats.

### COOKING

Laboratory work, composition of foods, analysis; critical study of twelve typical foods, food economics.

## CHILD NURSING AND NURTURE

In 1908 the first attempt was made to complete the course of instruction in home and household duties by the addition of a course in "child nursing and nurture." The work in this department is connected, on the one hand, with the work of the Hospital Training School, and on the other, with that of the school Kindergarten. The Institute thus has peculiar opportunities for young women to become intelligent in the care of children. A large room has been set apart in Dorothy Hall and equipped with all the furnishings of a nursery. Among other things, the room has been provided with the beginnings of a children's library where students have an opportunity to become acquainted with some of the best literature for children. The head nurse at the Hospital, the Dean of the Woman's Department, and the teacher of the Kindergarten, upon alternate days of the week, give all the girls of the school, instructions in subjects connected with the care and training of children. The work is carried on by means of talks and demonstrations which cover the following subjects:

## THE INFANT

Room: furnishings, temperature, size. Bath: time and frequency, things needed for giving and care to be exercised in giving baths, special baths, powders and lotions. Care of eyes and mouth. Wardrobe: caps, dresses, undergarments, wraps, gloves, etc. Clothing: style, texture, length and size, etc. Bed: furnishing basket equipment, etc. Training: regularity in feeding, time for sleep, bowel movements, etc.

## CARE OF CHILDREN

Food: natural and artificial, quantity to be given, care of vessels used in preparing and giving nourishment. Exercise: out of doors, in the nursery, treatment of the physical disorders, the teething period and its ills, how to treat the fears of infants, selection of the cart and carriage; the nurse and her qualifications. How to care for simple injuries and ordinary childhood diseases; teaching the child to walk and speak correctly; the evils of teaching the child to stand or walk too soon; the disadvantages of teaching so-called "baby-talk."

## THE OLDER CHILD

The Nursery: furnishings, location, heating, lighting, size, etc. Baths: care of teeth, eyes, nails, and clothing. Food: proper and improper. Sleep: exercise, in the nursery, out of doors. Amusements: stories, songs, games, pets, toys, playmates, etc. Care of children when bad, when afraid; improper requirements, etc. School age:



dress, food, amount of study, exercise in doors and out of doors, sleep required.

### OUTSIDE INDUSTRIES FOR GIRLS

This course is designed for the A Middle and Senior Classes of girls. The aim of this course is to better equip teachers to meet the demands of the Jeanes Fund Board regulations.

The course covers a period of two years and is based upon Bailey's text-book on Garden Making.

A theory lesson will be given once a week, supplemented by practical work.

#### FIRST YEAR

Vegetable Gardening. This includes the study and lay out of the vegetable garden; the use of glass in hot beds, cold frames and forcing hills, the soil, its treatment and fertilization; tools in vegetable gardening; seeds and seeding; irrigation, double cropping, transplanting, weeds, insects and fungi, packing, storing, and marketing vegetables, classification of vegetable crops, roots, tubers, bulbs, the cabbage and cauliflower class, herbs, as lettuce, celery, etc.; peas, tomatoes and peppers, cucumbers, squashes, melons, etc., sweet corn, sweet herbs, perennial crops, such as asparagus and pie plants.

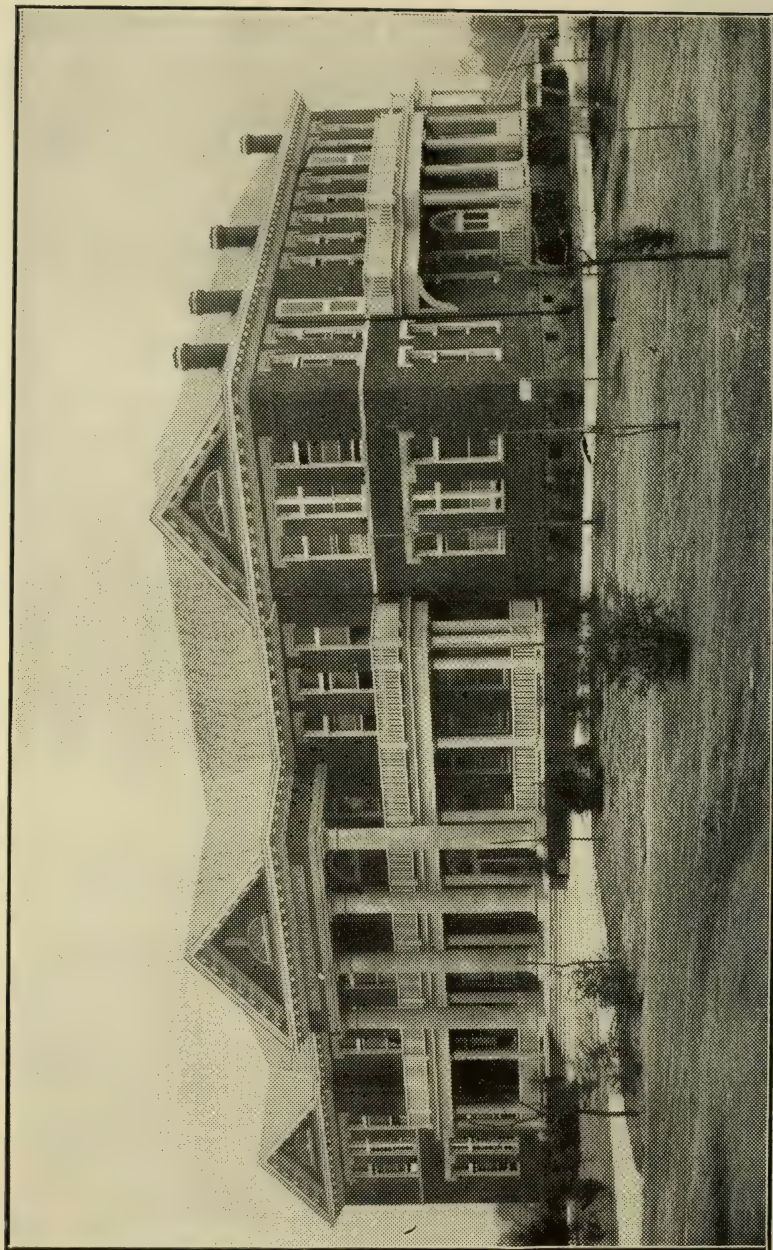
Botany will be correlated with the special study of each plant named.

#### SECOND YEAR

Ornamental Gardening. This includes the study of the arrangement and the beautifying of the home grounds.

The following topics are studied: The plan of the place, the relation of the vegetable garden to the ornamental garden: the choice of plants, trees and shrubs, their position; lawns, how made and cared for; hedges and hardy climbers, rural school grounds, method of transplanting native shrubs and trees, evergreens, bedding plants, roses and bulbous plants, the propagation of tender and hardy plants.

Fruit Garden: Its location, choice of variety, planting, fertilizing, pruning, spraying, methods of protecting from frost, diseases and insects.



THE JOHN A. ANDREW MEMORIAL HOSPITAL

## HOSPITAL AND NURSE TRAINING SCHOOL

The John A. Andrew Memorial Hospital at Tuskegee Institute is a large general hospital, offering exceptional opportunities for the education and training of nurses.

The object is to give instruction to young colored women and men to learn the art of nursing with its different forms of administrative work.

Candidates should be between 21 and 30 years of age, of average height, and must be in sound physical condition. They must make the Junior Class, and to specialize, the A Middle Class.

Candidates are accepted on a term of probation not exceeding two months. At the end of this period those who may prove satisfactory are admitted as pupil nurses.

The practical work gives ample opportunity for a thorough and varied experience in nursing in all its branches: medical, surgical, obstetrical, gynecological, and the nursing of children and of chronic and helpless patients.

The practical work is under the supervision of the Medical Director and his assistants.

Lectures are given during the winter months by the Medical Director and his assistants.

Class instruction in anatomy, physiology, materia medica, theory and practice of nursing are held regularly.

Examinations, both written and oral, are held at stated periods, and nurses cannot pass to graduation unless they attain on critical marking the required average.

### JUNIOR YEAR

First Term: Practical nursing with demonstration; materia medica; physiology and anatomy; dietetics (Theory.)

### MIDDLE YEAR

Practical nursing; materia medica; fever nursing; surgical nursing; massage and hydrotherapy (Theory).

### SENIOR YEAR

Practical nursing; fever nursing; surgical nursing; massage and hydrotherapy.

**JUNIOR YEAR**

Second Term: Practical nursing; materia medica; chemistry; physiology and anatomy.

**MIDDLE YEAR**

Practical nursing; obstetrics; urinalysis; massage and hydrotherapy (Practical).

**SENIOR YEAR**

Practical nursing; obstetrics; urinalysis; massage and hydrotherapy.



## BUSINESS AGENT'S DEPARTMENT

The Business Agent is responsible for the purchasing of practically everything used by the school in all of the departments. His duties also include selling, transportation—freight and passenger, renting, and the furnishing of meals to teachers and students who board on the Institute grounds. The Business Agents Department includes also the General Stores Division, which embraces a commissary, salesroom and meat market. Outside of the training in the General Stores Division through the activities incident to an almost department store there has been arranged a special course in Meat Marketing and Butchering. The Dining Hall Division has also a course in the study of baking.

### MEAT MARKETING AND BUTCHERING

#### FIRST YEAR

First Term: The care of the slaughter house, the care and use of tools. The study of different types of animals for slaughter; how they should be fed, etc. Killing, dressing and dissecting.

Second Term: Treatment of meats and the general use of the offals; killing and dressing poultry; general review.

#### SECOND YEAR

First Term: The care of the meat market; names, care of machinery, tools and utensils. Market arrangement and the care of refrigerator; dissecting the animal, how to get different cuts, etc.; proper treatment of customers.

Second Term: Cutting meat to the best advantage; preservation of different meats; shop management. Manufacture of different kinds of sausage; general review.

### BAKING

#### FIRST YEAR

First Term: Care of shop, names of utensils, methods of firing and testing oven, sponge setting, doughing, standard temperature of sponge and dough during fermentation; different stages of ripeness of sponge and dough.

**Second Term:** Methods of delaying and quickening fermentation, making dough and setting sponge, dough, bread, rolls, buns, etc. The cause of sour bread, methods of proofing bread, buns and rolls before baking.

#### SECOND YEAR

**First Term:** Managing the oven, bench work, piemaking, flour testing Winter, Spring and Macaroni wheat flour.

**Second Term:** Selection of flour, chemistry of baking, yeast and its methods of growing, neutralization of acids in bread-making, practice breads, cakes of various kinds and shapes; fillings and creams for cake; cake decoration for window exhibition.

## DEPARTMENT OF LANDSCAPE GARDENING

Course I. A practical course covering a period of one year. In this course instruction is given in the care of grounds, trees, shrubs, flower beds, lawns, etc. Transplanting of growth and the construction of lawns, walks, drives and drains. Text book—Bailey.

Course II. This course is designed for Post-Graduate and Senior students in Agriculture. The work covers a period of two years.

### FIRST YEAR

First Term: The theory of Landscape Art. Text book—Edward Kemp, with practical applications to specific problems.

Second Term: The care of trees, shrubs, etc. Text book—B. C. Fernow. Supplemented with practical lessons in Tree Surgery.

### SECOND YEAR

First Term: Landscape design. This includes the making of preliminary and detailed grading and planting plans of improvements now under construction in the near vicinity.

Second Term: Nursery work including propagation and growing of ornamental and fruit trees, shrubs, vines and plants.

### HOME ORNAMENTATION

This course comprises twenty lessons for Senior and post-graduate students in agriculture. The following are some of the topics treated:

Ornamenting new home grounds, preparation of land; trees; their planting and care; shrubs, hedges and hardy climbers, walks and drives; renovating and improving old homes, county roads, and roadside improvement; parks, public squares, school grounds, etc.; ornamental trees, hardy herbaceous plants, bedding plants, grasses and ferns, tree surgery and common enemies to tree life.

### FLORIST DIVISION

The Institute is provided with two modern greenhouses, one 22x75, and the other 23x38. Brick foundations extend three feet above the ground, on which are placed the glass superstructures, giving ample light. The roofs are provided with ventilators running the entire lengths, working with hand cranks. The greenhouses are heated by



OUTDOOR WORK FOR GIRLS — FLORIST DIVISION

steam and lighted with electricity. They give an excellent opportunity for students to learn the proper methods of growing plants and flowers. As the climate is mild a large number of plants and vegetables are grown in hotbeds and cold frames through the winter months. Students in this division are taught practically everything that is carried on in a commercial greenhouse establishment, such as bedding, potting and blooming plants for the house, cut flowers and designs for funeral work.

The course of study covering three years is planned to equip thoroughly in the practice and theory of greenhouse work. The following is the course of study:

#### FIRST YEAR

First Term: Soil; manner of preparing for potting different kinds of plants; lifting and potting plants from the open ground; propagating cuttings from plants outside; planting and care of flowering bulbs; care of the propagation bed and kind of sand to be used. Propagating hard and soft wood plants by cuttings, roots, and seeds; studying diseases and insects that attack plants; feeding and watering plants; sowing vegetable seed.

Second Term: Construction of hot beds and care of same; construction of cold frames; building and caring for lawns, walks and flower beds; planting and caring for young plants in the field; feeding and watering plants; transplanting vegetable plants.

Industrial classes during the year.



SECOND YEAR

First Term: Preparation of soils; use of commercial fertilizers, propagating and trimming shrubbery, growing chrysanthemums. Propagation, bedding and herbaceous plants; floral designs.

Second Term: Care of rose and carnation house; care of cut flowers; making floral designs; combination of colors and heights of plants in bedding.

Industrial classes during the year.

THIRD YEAR

First Term: Care of chrysanthemums; greenhouse construction, heating of same; review of first and second years' work.

Second Term: Computing the number of plants required for definite spaces; care of cut flowers, including packing and shipping; care of palms, ferns and decorative plants; making bills of material; greenhouse management.

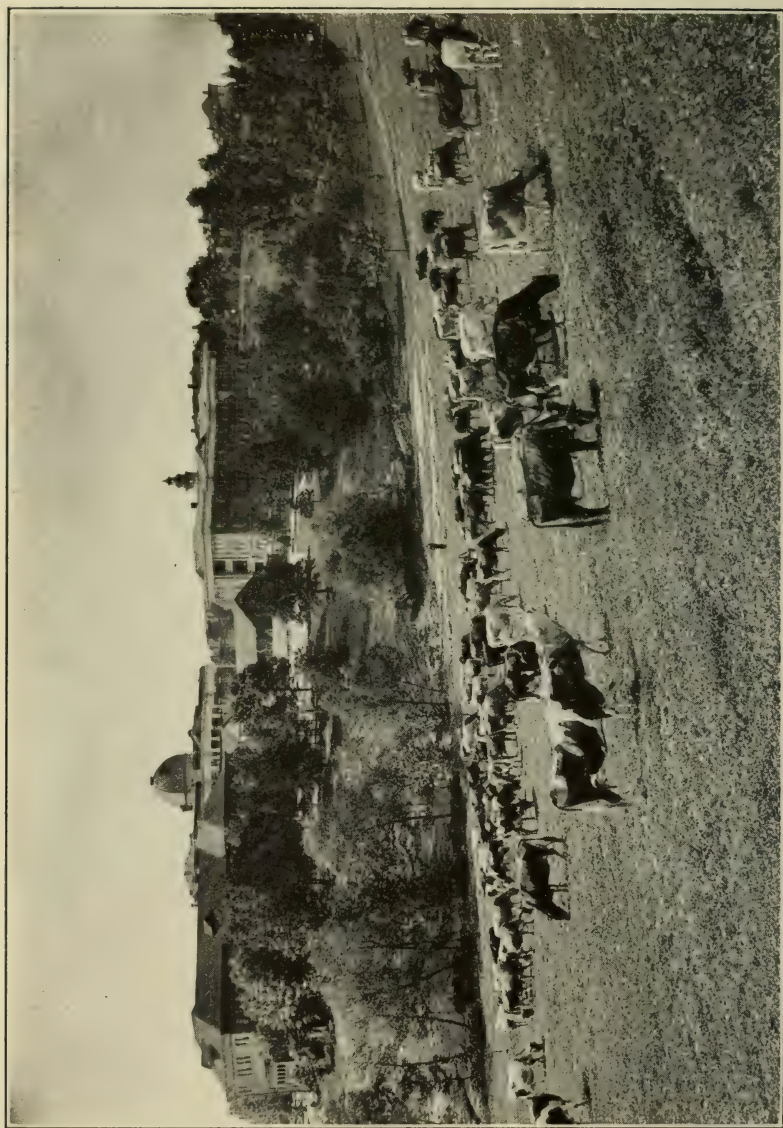


Photo. by A. P. Bedou, New Orleans.

A PART OF THE TUSKEGEE INSTITUTE DAIRY HERD

## DEPARTMENT OF AGRICULTURE

The Department of Agriculture is divided into the following divisions:

Farm Crops; Truck Gardening; Fruit Growing; Care and Management of Horses and Mules; Dairy Husbandry; Dairying; Swine Raising, Beef Production and Slaughtering; Canning; Veterinary Science; Poultry; Farm Bookkeeping; Farm Engineering.

The demand for men trained in these divisions has become so great that for the past few years the school has given more attention to the development of these industries than perhaps to any other phase of its work.

The school farm consists of 2,400 acres: 1,000 acres of this land are under cultivation. In the Farm Crops Division it is the plan to raise all foodstuffs as nearly as possible for the 1,200 head of livestock owned by the school. The young men in this division get a splendid opportunity in general farming and in the use of improved farm implements and intensive methods.

Three or four crops are grown each year on our Truck Garden, in which there are sixty acres used in growing vegetables for the school and town. This division has realized from \$300 to \$400 an acre on some of its garden land. The Truck Garden operates a vegetable wagon.

Peaches, strawberries, grapes, plums, pears and figs are grown in the Fruit Growing Division. 120 acres are devoted to this kind of work.

The Division of Care and Management of Horses and Mules has 130 head of stock under its charge, which are used to do the work on the farm and the hauling for the school.

The Dairy Husbandry Division contains a herd of 150 head of cattle, which supply milk to the dairy. This is made into butter and cheese or sold as whole or skim milk to the Boarding Department of the school and to the town.

The Swine Raising Division of 450 hogs supplies most of the meat for the school, and at the same time offers training to students along these lines.

Through the beneficial gift of the Millbank Agricultural Hall this Department has been comfortably housed and centralized. This enables the boys to combine more closely the field and class-room work.

The Millbank Agricultural Hall is located near the middle of the farm and is the real center of the agricultural life of the school.

The general plan is rectangular, being sixty feet wide by one hundred and twenty feet long. It is three stories high. The principal side of the building faces south.

The first story contains three large rooms. The room on the north side, nineteen feet wide and the full length of the building, is used for creamery purposes. It is fitted up with both hand and power machinery of the most modern type. On the south side is a hog-cholera serum laboratory. This room is nineteen feet wide by fifty feet. On the same side is a class room, nineteen feet by forty, for studying livestock. This room is fitted up with raised seats so as to give every student a good view of the animal studied. Separating the dairy from the other two rooms is a driveway eleven feet wide.

The second floor contains the laboratories, museum, two class rooms, and offices for instructors.

The third floor contains an assembly room with a seating capacity of three hundred, and nine class rooms.

Wide stairways give easy and convenient passage from one story to the other. Externally, the building is constructed of brick with stone trimmings. The roof is covered with slate. The interior trimming is of southern pine, finished in the natural wood. The walls are plastered. It is lighted by electricity and heated by steam.

Architecturally, the building is very pleasing, and adds distinctly to this portion of the grounds.

## COURSES OF STUDY FOR STUDENTS OF THE AGRICULTURAL DEPARTMENT

(For subjects other than Agricultural, see Academic Course.)

### JUNIOR YEAR

Agriculture: Soils, Manures, Drainage, Field and Laboratory practice. Insects, one-third year. Reading; Grammar; Arithmetic; Concrete Geometry; Writing and Drawing; Geography; Physical Training; Writing.

### B MIDDLE YEAR

Agriculture: Farm Crops, Garden Crops, Orchard Crops, Field and Laboratory practice. Agricultural Botany. Reading; Arithmetic; Hygiene (half year); American History; Physical Training; Writing.

### A MIDDLE YEAR

Agriculture: Breeds and Breeding, Feeds and Feeding. Veterinary Science. Reading; Algebra; Bookkeeping; Ancient History; Chemistry.



SENIOR YEAR

Required—Agriculture: Agricultural Chemistry, Surveying, Farm Management. English. Elective—Education,\* Economics,\* Modern History,\* Geometry,\* Chemistry,\* Physics.\*

Those completing this course will be given a diploma.

\*One or more of these subjects must be selected.

POST-GRADUATE COURSE IN AGRICULTURE

FIRST YEAR

Agriculture: Agricultural chemistry; soils; livestock and breeding; fertilizers; seeds and seed testing; farm engineering. Bacteriology. Farm Management.

SECOND YEAR

Agriculture: Farm management; field and laboratory practice; farm crops; feeds and feeding; dairying; plant breeding; poultry; farm insects; agricultural economics; research composition.

COURSE IN AGRICULTURE

JUNIOR YEAR

First Term: Soils in general and how to improve them; formation of soils; soils classified according to formation; agricultural classification of soil; relation of soil to water; preservation of soil moisture; methods of improving the soil by tillage; methods of plowing; prevention of surface washing; terracing; system of terraces. Manuring in general; when and how to apply manure; barnyard manure; and commercial fertilizer compared; kinds of manure.

Second Term: Fertilizers, general and special; fertilizers supplying nitrogen; fertilizer supplying potash; fertilizer supplying phosphoric acid. Drainage; kinds of drains; reasons for irrigation; sources for water; farm machinery; manipulating and running machines.

References: "Soils," by Brooks, Lyons and Flippin; Bulletins.

B MIDDLE YEAR

First Term: Farm crops: corn, oats, cotton, potatoes, sugar cane, cow peas, wheat, vetch, sorghum, peanuts, velvet beans, soy beans, rice; origin, history, distribution and uses of each; preparation of soils; fertilizers; cultivation; harvesting; rotation of farm crops.

Second Term: Garden crops; the use of cold frames and hot beds in the growing of garden crops; fertilizers; marketing of crops; storage of products. Orchard crops; propagation of fruit trees; graft-

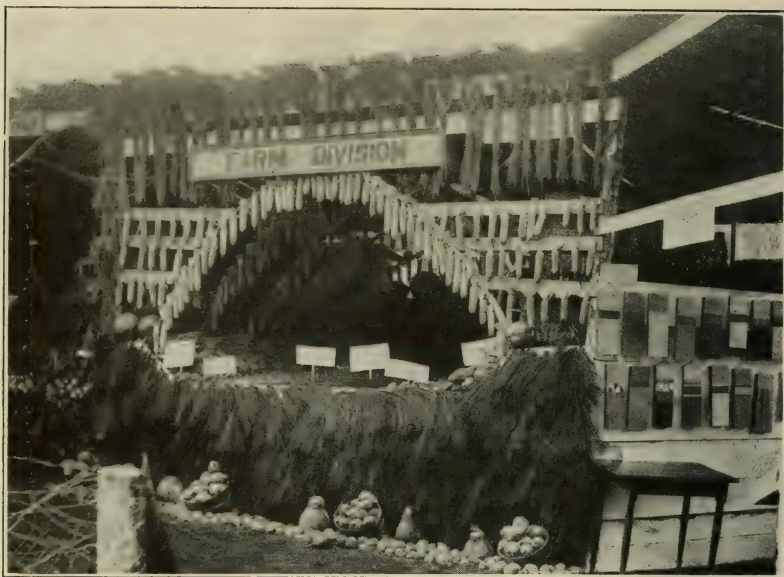


EXHIBIT OF FARM PRODUCTS

ing; budding; selection of site for an orchard; care of an orchard; pruning, study of fruit buds; plant feeding; fertilizer formulae; insects and insecticides. Canning. References: Bulletins and current literature; "Farm Crops," by Hunt and Duggar; Farmers' Bulletins and Nursery Catalogues.

#### A MIDDLE YEAR

First Term: Domestic animals; study of the origin and characteristics of leading breeds of horses and cattle; swine; selecting and judging for specific purposes; care and management of horses, cattle and swine. The study of horses and mules, hogs and poultry, with regard to breeds, classes, utility.

Second Term: Breeding of livestock; heredity; diseases; fecundity and how affected; feeds and feeding of farm animals; influence of feed upon milk; rations for growing animals; rations for meat production; dairy products; milk, butter, cheese, testing of milk, butter-making, cheese-making.

References: "Livestock," by Brooks and Craig; "Dairying," by Wing.

#### SENIOR YEAR—AGRICULTURAL CHEMISTRY

First Term: General study of elements present in air and soil; determination of water and ash in plants; organic compounds found

in plants; analysis of foods, feeds, determination of crude fibre; study of food values. Chemistry of milk and milk products; chemistry of soils and manures; a calculation and study of fertilizer formulae.

Second Term: Chemistry of soils and fertilizers; analysis of soils and fertilizers with regard to their content of potash, phosphoric acid and nitrogen; relation of composition of soils to their crop-producing power; analysis of manures.

The last half of the term consists of a general application of chemistry to agricultural problems, special reference being given to income and outgo of the elements which determine the success or failure in crop production.

References: "Chemistry of Soils and Plants," by Snyder; "Agricultural Analysis," by Wiley; Lincoln and Walton's Analytical Chemistry.

The following two years' courses are taught in each division in connection with the general course in agriculture:

## F A R M I N G

### FIRST YEAR

First Term: Farm implements and how to use them; use, care and repair of improved farm machinery; soils and how to prepare them; manures and their uses; drilling grain; farm crops; how to plant, where to plant, tillage; cultivation.



THRESHING OATS AND BALING HAY, INSTITUTE FARM



Second Term: Intensive and extensive farming; storing and keeping root crops; sweet potatoes, rutabagas, carrots, mangles, and parsnips; hot beds, cold frames and their uses; how to market farm products on local markets and methods of shipping; farm book-keeping.

#### SECOND YEAR

First Term: Fertilizers; mixing, kinds for different crops, fertilizers versus manures; rotation of crops, importance; farm machinery; operating gasoline engines, boilers, thrashers, shredders and hay press; harvesting and storing different crops; insects and diseases injurious to farm crops.

Reference: Duggar.

#### TRUCK GARDEN

##### FIRST YEAR

First Term: Location of garden; planning the garden; plans for home and city gardens; study of trucking tools and their repairs; soils best adapted to gardening and trucking; manuring and fertilizing; value and care of barnyard manure; manures best adapted for trucking; uses of commercial fertilizers; seed bed; construction and uses of hot beds and cold frames; time and method of seeding in hot beds, cold frames and garden; seed testing.

Second Term: Transplanting; double cropping; irrigation; time and method of cultivating crops; time, method and care in harvesting crops; method of local and distant marketing of crops; storing; classification of vegetable crops.

##### SECOND YEAR

First Term: Cold storage; drying and storing; digging and storing; packing; saving seeds; selection and care of seeds; utilization of catch crops; preparation of vegetables for home and market use.

Second Term: Insects, fungus and bacterial diseases injurious to garden crops; methods for the control of weeds; preparation and uses of insecticides and fungicides.

References: "Principles of Vegetable Gardening," Bailey; "Up-to-date Truck Growing in the South," Davis; Bulletins and Circulars.

#### FRUIT GROWING

##### FIRST YEAR

First Term: The relation of fruit growing to horticulture and agriculture; the classification of fruits in general; the geography of fruit growing. The business side of fruit growing; influence of



forests on fruit growing; selection of trees for planting; nursery practice; age of plants and trees before setting.

Second Term: Laying out of fruit farms; setting trees and plants; when to buy; tillage of fruit lands; texture and conservation of moisture; tools used.

Reference: Waugh and Bailey.

#### SECOND YEAR

First Term: Cover crops; fertilizers; how plants feed; pruning; budding and grafting. Care of fruit farm; cultivation; diseases of the orchard; vineyards and their treatment; practice in making and applying spray mixtures; insects of the orchard and methods of combating.

Second Term: Harvesting and marketing fruit; picking for canning and shipping; packing and grading; packing-house methods.

Reference: Thomas, Waugh.

#### CANNING

##### FIRST YEAR

First Term: Selecting and preparing fruits and vegetables for canning; effect of quality on the canned product; methods of sealing jars and tin containers; making soldering fluids.

Second Term: Methods of cooking and sterilizing fruits and vegetables; management of high-temperature boiling solutions for canning vegetables and meats.

##### SECOND YEAR

First Term: Making jams, jellies, preserves, and fruit butter; preparation of catsup; making vinegar and sauerkraut.

Second Term: Study of fermentation; food values of canned products; methods and equipment suitable for home and small commercial canneries; market grades of canned goods.

During the summer vacation the institution operates a steam canning plant for the double purpose of preserving its own stock of fruit and for teaching the industry of canning to a class of students who remain at the school during the vacation. In an average fruit year about 100,000 gallons of fruit are put up by the plant. One-gallon tin cans are mostly used. Most of the fruit other than blackberries comes from the orchard of the school. Generally about 2,000 gallons of blackberries are canned. Sweet potatoes and tomatoes are canned for shipping. A building has been erected for this important work and is well appointed in every respect.

Students wishing to receive instruction in canning are required

to make early application to the Registrar to be allowed to remain at the school during vacation.

## DAIRY HUSBANDRY

### FIRST YEAR

First Term: Study of types of dairy animals and their uses; cleaning of barn; score-card practice for students; milking; origin of domesticated cattle; dual-purpose cattle and minor dairy breeds.

Second Term: Feeding and grooming; raising of calves, judging, and feeding; starting herds and developing of dairy heifers; selection of individual cows; selection of herd bulls, and making reports. Managing of dairy cattle; soiling system; stable construction; common diseases of cows.

References: Craig and Shaw; Henry and Jordan; Eckels, "Dairy Cattle and Milk Production."

### SECOND YEAR

First Term: Study of farm buildings, showing their location and arrangement of stalls, windows, etc.; construction of silos; study of feeding and classification of animals. A further study of feeds and feeding of dairy animals; classes of feeds; roughage and grasses; concentrate feeds; kinds of rations; principles of breeding; cross-breeding and in-breeding; sex; gestation; study of pedigrees and records.

Second Term: Animal nutrition, digestion, assimilation and function of food nutrients; the tissues; study of diseases of farm and dairy animals; common ailments of calves and cows; disinfection; quarantine; parasites and treatment; poisonous and injurious feed-stuffs.

References: Henry; Armsby; Jordan; Shaw.

## CARE AND MANAGEMENT OF HORSES AND MULES

### FIRST YEAR

First Term: Study of domestic animals; origin; history; types; care of harness and vehicles; hitching; emergency repair of harness and vehicles; size and care of stalls, bedding, cleaning, etc.

Second Term: Care and management of draft animals; feeding, grooming, housing, watering, driving; general care of all work animals; care of stallions in and out of season; care of brood mares and foals; care of colts; study of pedigrees and records.



TUSKEGEE RAISED HORSES AND COLTS  
ANIMAL HUSBANDRY DIVISION  
SECOND YEAR

First Term: Study of breeds for practical purposes; cross-breeding, in-breeding and line-breeding for desired purposes; breeds best adapted to the South; breeding for larger mules; principles and practice of feeding work horses, brood mares, young stock; feeding rations; balance ration; maintenance ration; nutritive ration; feeding standards; practical methods of computing rations.

Second Term: Judging; common diseases of horses and mules; cause, symptoms, prevention and treatment; telling the age of horses; business side of stock raising; keeping of records and accounts as needed in live-stock business; study of pedigrees.

Reference: "The Horse," Roberts; "Judging Livestock," Craig; Current Literature.

#### DAIRYING FIRST YEAR

First Term: Cleaning; washing and sterilizing milk bottles and cans; washing agents, proper utensils; general cleaning; disinfecting; drainage; septic tanks; sewage disposal. Elementary Milk Testing—Secretion and composition of milk; the Babcock test for fat in whole milk; different kinds and care of testing apparatus; the Babcock test for fat in cream; computation. Elementary Milk Separating—Gravity and centrifugal; separating; the operation of the centrifugal separator and its adjustment; study of the various makes of separators; conditions affecting efficiency.



**Second Term:** Market Dairying. Preparing milk and cream for market; methods of wholesaling; methods of retailing; ferments of milk and cream; delivering milk and cream on milk routes; shipping milk, cream and butter. Elementary Butter Making—Composition of cream, butter and butter milk; making starters; ripening cream; operation and care of hand churns; churning, washing, salting, working and printing butter; testing butter for moisture; calculating over-run.

#### SECOND YEAR

**First Term:** Advanced Milk Testing: Study of factors affecting accuracy of test; practicing in herd testing. Advanced Milk Separating—Study of factors affecting efficiency of separation; repair and upkeep of separators; practice and operation of hand turbine separators of different makes. Advanced Butter Making—Pasteurizing cream for butter making; operation and care of power churns; testing butter for fat and salt; study of factors affecting the over-run; scoring butter; marketing butter; storing butter, practice in butter making.

**Second Term:** Cheese Making. Care of milk and cream for cheese making; making various kinds of soft cheese; scoring; curing and marketing soft cheese; calculating yields. Dairy Mechanics—Care and operation of the steam boiler and engine; repairing and care of the dairy machinery; lacing belts, hanging shafting; calculating speed of pulleys; general creamery construction. Creamery Accounting—Review of dairy arithmetic; accounts for milk and cream patrons; recording tests; separating records; cheese making records; milk route checking systems; general creamery accounting. Creamery Management—Study of creamery problems and management; practice and management. Reference: Wing.

### POULTRY RAISING

#### FIRST YEAR

**First Term:** How to start, which includes a discussion of the site, kinds of houses and runs, material for building, furniture, etc.; poultry in general, chickens, ducks, geese, turkeys, etc.; feeding for eggs, for meat, and for market; hatching and raising of chickens (Nature's method).

**Second Term:** Selection of mothers, hatching nests, number and kinds of eggs to set under each hen, care of young chickens; kinds of feed: bread and milk, oatmeal, grits, green foods, charcoal, meat scraps, oyster shells, lime, grit, etc.; poultry diseases and their remedies; mites, lice and the most troublesome vermin; killing, dressing and preparing for market.





### OUTDOOR WORK FOR GIRLS — POULTRY RAISING

#### SECOND YEAR

**First Term:** Artificial incubation; a study of the various types of incubators, location, setting up, heating and adjusting regulator, the kinds of eggs to put in, turning, testing to remove infertile eggs.

**Second Term:** Supplying moisture, care during hatching period; when to remove the chicks; brooders and brooder houses; a study of the various kinds and their management.

**References:** Watson; Graham.

### VETERINARY SCIENCE

#### FIRST YEAR

**First Term:** Skeletons. Covering of bones; contents of bones; classes of bones; head bones, cervical or neck bones, dorsal or back bones, lumbar or small back bones, sacral or lump bones, coccygeal or tail bones, pelvis or hip bones, sternum or breast bones, ribs; number of bones in the skeleton of a horse.

**Joints.** Cartilage, ligaments, shoulder joints, elbow joints, carpus joints, fetlock joints, pastern joints, coffin joints, hip joints, stifle joints, hock and tarsus joints.

**The Muscular System.** Voluntary muscles, gluteal muscles, the abdominal muscles, coccygeal muscles, shoulder muscles, muscles of the front leg, muscles of the hind leg, involuntary muscles.

**Second Term: The Circulatory System.** The organs of the circulatory system: the heart, the arteries, veins, capillaries; the blood; the course of the blood; how to tell when an artery is cut.

**The Lymphatic System.** Absorption of glands; lymph.

**The Digestive System.** Organs of the digestive system: salivary glands, gullet, esophagus, the stomach, the bowels.

**The Nervous System.** Brains, cranial nerves of feeling, hearing, seeing, smelling and tasting; spinal cord.

#### SECOND YEAR

**First Term: Questions to Ask and How to Examine a Sick Animal.** The history of the case; questions; time, action and cause; consideration of symptoms; the examination of pulse and temperature.

**Diseases of the Respiratory or Breathing Organs.** Simple catarrh or cold in the head; nasal sleet or chronic catarrh; abscess of the bones of the head; laryngitis or inflammation of the throat; chronic cough; roaring or spasm of the muscles of the larynx; bleeding from the nose; bleeding from the lungs; congestion of the lungs or pneumonia; pleurisy; water in the chest; bronchitis; broken wind or heaves; spasm of the diaphragm; rupture of the diaphragm.

**Diseases of the Circulatory System.** The organs of the circulatory system: heart, arteries, veins, capillaries; the blood: course of the blood.

**Second Term: Diseases of the Lymphatic System.** Absorption of the glands; lymph.

**Diseases of the Digestive System.** Organs of the digestive system: salivary glands, gullet, esophagus, stomach, the bowels; diseases of the muscles; diseases of the genital organs; foaling, difficulties met with in foaling; difficulties and diseases that follow foaling.

**Medicines.** Uses and actions of different medicines upon various parts of the system; writing and compounding prescriptions; making salves and liniments.

#### AGRICULTURAL BOOKKEEPING

The course is designed to give the agricultural students a thorough training as to the business side of farming. While the subject of Farm Accounting is most deserving of the greatest attention, it has been, up until recently, the most neglected.

At the outset, the student assumes himself a practical farmer, and proceeds with the business side of the farm, the productive phase, also the exchange phase.

#### FIRST YEAR

First Term: Farm records and business methods, farm book-keeping; organization of a model farm from a financial point of view. Household and personal accounts.

Second Term: Cost finding and special records; cost of production—special cost records; labor records (human and animal); office methods; business organization, business correspondence and business forms; divisional accounting; creamery accounting; poultry accounting; orchard records, etc.; plot and crop system.

#### SECOND YEAR

First Term: Rural law; general principles of statutory discussed and explained; special phases of law affecting the farm, such as titles to real estate, deeds, mortgages, county records, etc.; landlord and tenant, right of way; laws governing shipping, insurance, etc.

Second Term: The fundamental principles of production, distribution and exchange; with special consideration of rural life, rural labor problems; farm finance and problems affecting rural life in general.

#### FARM ENGINEERING

##### FIRST YEAR

First Term: The importance of road building; laying out of road; prevention of washing; determination of grade drainage; construction of culverts; estimation on size; materials best suited for culvert construction.

Second Term: Simple methods of computing areas drained by culverts; bridges; construction; materials best suited for bridge construction; computing strength of timbers; road repairs; materials best suited for road repair.

##### SECOND YEAR

First Term: Use and care of surveying instruments; surveying with tape and chain; measuring and laying out of angles with tape and chain.

Second Term: Surveying and computing of irregular plats; platting; running levels with transit; making profiles; estimating on excavations; determining and fills.

Reference: Gilmore, Ives.

#### SWINE RAISING

##### FIRST YEAR

First Term: Study of the different breeds and types: Duroc



Jersey, Poland-China, Berkshire, Essex, Tamworth, Chester White and Yorkshire; cleaning pens; use of whitewash, paints, insecticides; score cards and the scoring of the hogs.

Second Term: Feeding and care of hogs; raising of pigs; starting of herds and development of service boars; selection of individual sows; selection of herd boars; keeping of records.

References: Plumb-Corbin.

#### SECOND YEAR

First Term: Housing of swine; location and construction of the houses; materials best suited for their construction. Feeds and feeding; classes of feeds, kinds of rations; principles of breeding: cross-breeding, in-breeding, gestation period.

Second Term: Detailed study of the different diseases, their causes, prevention and cure; killing and curing of meat; vaccination for prevention of hog cholera.

References: Sission, Plumb, Shaw.

#### FARM DEMONSTRATION WORK

The Farm Demonstration Work is carried on in co-operation with the United States Department of Agriculture. A number of farmers in selected communities cultivate a small portion of their land under the direction of and with seed provided or selected by the Agricultural Department.

Extension Schools are being held throughout the State of Alabama. Clubs for men and boys, and for women and girls, are being organized. Prizes of from five to fifty dollars are awarded by the Demonstration Agents to the farmers making the greatest yield of corn, cotton, oats, etc., to the acre.

#### ELEMENTARY COURSE FOR ACADEMIC STUDENTS

The school has seen fit to make the subject of Elementary Agriculture compulsory with all academic students of the Junior Class. The course is as follows:

The plant; parts of plants; plant families; pollination; germination of seed; how plants feed; propagating and improving plants.

Formation and kinds of soil; soil moisture and its control; preparation and cultivation of soil; terracing and drainage; methods of improving soils; growing cotton and corn; rotation of crops.

How to plant flower and vegetable gardens; hot beds and cold frames; cultivation and harvesting garden crops; breeds of livestock; care and feeding of livestock; making of butter and cheese.



## POST-GRADUATE COURSE IN AGRICULTURE

## FIRST YEAR

**First Term:** A study of chemistry as applied to soils, fertilizers and manures; plants and animals. (1) The determination of moisture, organic matter, acids and mineral matter in soils. (2) Analysis of soil amendments. (3) Analysis of fertilizers and manures. The determination of potash, phosphoric acid and nitrogen in various fertilizers and manures. Lectures. Text books.—Reference: Snyder.

**Soils.** Soil as a medium for root development; chemical and physical agencies of decay; geological classification and chemical composition of soils; laboratory experiment on physical properties of soils; determination of the soil's moisture, porosity, weight, plasticity, specific gravity, capillary attraction, effect of mulches, physical analysis of soils; relation of physical properties to soil management. Text: Lyon and Flippins.

**Livestock and Breeding.** Study of the origin, history, and general characteristics of the principal breeds of cattle, horses, sheep, hogs, chickens, etc.; stock judging by aid of score cards; principles of breeding as related to the development of domestic animals; heredity and normal and abnormal characteristics, diseases, animal variations, fecundity, in-breeding, cross-breeding, prepotency, grades.—Text: Brooks and Craig.

**Second Term: Fertilizers.** Classification of manures and fertilizers; functions and uses of commercial fertilizers; determination of grade and agricultural values of fertilizers; mixing and applying fertilizers; effects of soil amendments; factors affecting the efficiency of fertilizers; farm manures, their composition and use; factors affecting the value of manures; methods of handling manures; green manuring; methods of making manure.—Text: Voohese.

**Seeds and seed testing:** Practice in identifying farm and garden seed; determining the purity and vitality of commercial samples of seeds; germination and purity tests of all seeds used on the farm; diseases of seeds and their treatment; practice in judging samples of seeds; methods of commercial seed production.

**Bacteriology.** Principles, common organisms and their artificial cultivation; use of the microscope; different classifications; general work leading to second year's work in farm sanitation.—Text: Jordan, Conn, and King.

**Farm Engineering.** Roads; location, material, construction, maintenance; farm machinery; plows; surface; working machinery; seeding and harvesting machinery; farm vehicles; food preparing machinery; farm motors; steam and gasoline; wind and horse power;

materials for construction; lumber, brick, cement, etc.; farm water system; drainage, open and covered; irrigation, terraces.—Text: Hoagman.

## SECOND YEAR

### MANAGEMENT

**First Term:** Farm sanitation; field and laboratory practice. The chemistry of animals and their products; the study of digestion and fermentation of various foodstuffs; digestion and fermentation of milk; breadmaking; sauerkraut; vinegar; analysis of milk to determine water, casein, fat, acidity, and the action of various ferments in milk; analysis of butter, cheese, to find moisture, fat, salt and casein; analysis of water for drinking and commercial purposes.

**Farm Crops.** Classification of farm crops; methods of improving by selection and breeding; study of varieties and geographical distribution of individual crops, their soil adaptation, manuring, planting, cultivation, place in rotation; harvesting and uses; field study of cotton, corn, sweet potatoes, peas, oats, velvet beans and soy beans. Text: Duggar, "Farm Crops."

**Feeds and Feeding.** Classification and composition of foodstuffs; animals' digestion and nutrition: balanced ration; theory and economy of ration for growth; milk; fattening and maintenance; study of local rations and methods of feeding.—Text: Henry; Experiment Station Reports.

Setting up a dairy outfit; running of steam boiler; taking down and setting separator; oiling and running machines; the Babcock test for fat; table tests for acids; specific gravity of milk; use of lactometers and thermometers; cheese-making and the composition of same; milk used for making cheese; proper temperature; use of rennet; the rennet test; the six periods of the development of cheese; the ripening of cheese; making of different kinds of cheese; various milk tests.—References: Wing, Curler, Monrad.

**Second Term:** Poultry. Care and management of setting hens and incubators; types and construction of brooder houses; operation of brooder houses; management of chicks in brooders; feeding and management of fowls; destruction of pests; lectures on origin, history and development of poultry.—Text: Watson and Graham.

**Plant Breeding:** Study of the structure and physiology of agricultural plants, special attention given to the flowering part; pollination, fertilization; principles of plant breeding; laws of heredity and variation; methods of plant breeding, selection and crossing; results of breeding as applied to cotton and corn; climatic changes and results due to same.—Text: Burbank, DeVries and Bailey.

**Farm Insects.** Study of the anatomy and life histories of selected farm insects; collecting, and field study of the habits of injurious in-

sects found on the farm; methods of combating injurious insects; preparation and application of insecticides.—Text: Weeds.

Agricultural Economics. Factors of agricultural production; labor and capital goods; guiding principles in the organization of farm, study of local types of farms; means of acquiring land.—Text:—Taylor and Carver.

Farm Management. Selection of a farm; distance from market; size of farm; purpose for which the farm is to be used—specialized farming and general farming. A study of factors affecting production: land; capital; goods; labor. A study of the management of successful and unsuccessful farms, and causes for same. Organization of labor; organization of the family for more efficiency; organization of team or horse power for greater efficiency. A study of the tenant system in the Black Belt; cropper; share tenant; cash tenant. Land value and land ownership among Negroes as it affects citizenship and better methods of farming among other people. Markets and farm accounts: study of markets—cutting out the middle man; keeping simple accounts.—Text: Warren.

## TWO WEEKS' SCHOOL FOR FARMERS

All subjects will be made practical and simple.

### FOR MEN AND BOYS

1. Farming: Talks on soil and fertilizers, plowing, cultivation, seed testing, hot beds, cold frames, garden crops, fruit crops and farm orchards.

2. Livestock: Talks on hogs, cattle, horses and mules; the diseases of livestock and how to treat them.

3. Dairying: Lectures on milking, care of milk, testing milk, butter making, and cheese making.

4. Poultry Raising: In the study of poultry, the best breeds of chickens for the South; testing eggs, hatching, incubators and how to run them; brooder, the dressing and marketing of chickens.

5. Wood and iron work.

### FOR WOMEN AND GIRLS

1. Poultry Raising: Simple poultry-house, breeds, selecting eggs for setting, building nests, care of setting hens, hatching chicks, feeding, dressing chickens, the diseases and how to treat them.

2. Dairying: Milking and feeding cows, treatment of cows, care of buckets and strainers, washing churns, setting milk, butter making, cheese making, ice cream making.

3. Sewing: Threading of hand machine needles, basting, overhanding, stitching, overcasting, gathering, patching, hemstitching, tucking and darning.

4. Cooking: Selecting of cooking utensils, making fire, cleaning stove, preparing breakfast, setting table, table manners, cleaning off table, preparing dinner, preparing supper, serving luncheon.



## DEPARTMENT OF RESEARCH, CONSULT- ING CHEMIST AND EXPERIMENT STATION

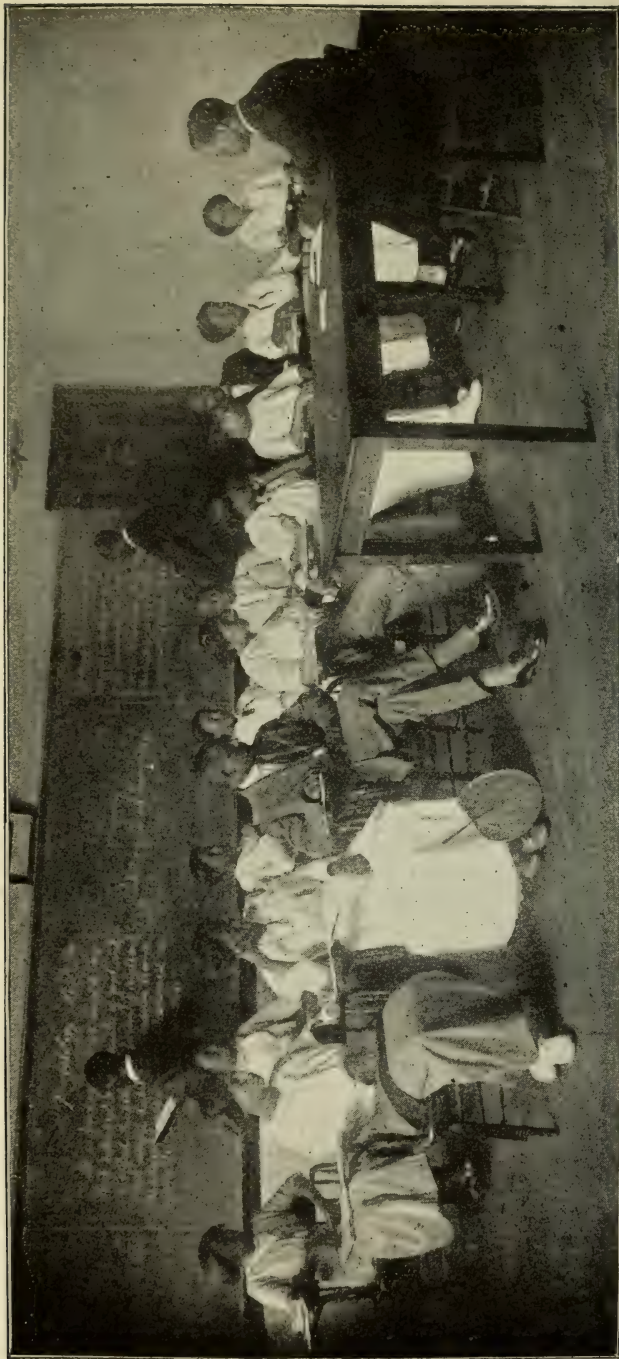
This Department seeks to give, in a technical and experimental way, scientific facts which will lead to a better knowledge of Agriculture in all of its branches.

The laboratory work is made simple, clear and to the point. Both physical and chemical analysis of soils, fertilizers, forage plants, milk, butter, cheese, food adulterations, dietaries, etc., are given special attention.

In the Experiment Station numerous experiments are attempted in the improvement of the soil, cotton and corn breeding, inoculation of the soil, experiments with fertilizers, tests of forage plants, various garden vegetables, etc.

### AGRICULTURAL EXPERIMENT STATION

At the session of the State Legislature of Alabama, in 1896, a bill was passed providing for the establishment and location of a State Experiment Station in connection with this institution. The following Board of Regents has control of the Station: Hon. J. A. Wade, Montgomery; President C. C. Thach, of the Alabama Polytechnic Institute, Auburn; Messrs. W. W. Campbell, Charles W. Hare, A. J. Wilborn, Tuskegee, and Robert R. Moton and Warren Logan, Tuskegee Institute.



SUMMER SCHOOL ACTIVITIES — CLASS ROOM SCENE

## DEPARTMENT OF SCHOOL EXTENSION

The Extension Department of the Institute was organized in 1910, in order to systematize the school's numerous extension activities. The actual work falls under what may be described as:

1. The work of school extension proper, that is, teaching the people how to improve themselves through the home, farm and the school.
2. The work of a continuation school which offers to persons, who have gone out from the Institute and are engaged in teaching in the community surrounding the school, opportunities to continue their studies under the supervision of the Institute while they are engaged in their work as teachers.

There is an increasing demand for persons to teach industries in public schools, and to do community work. Exceptional opportunities are offered persons, who wish to become extension workers, to become acquainted with extension methods in the numerous phases of the extension work in Macon County. The various school extension activities follow:

### THE ANNUAL TUSKEGEE NEGRO CONFERENCE

The Annual Tuskegee Negro Conference is held two days in every year in the month of January. The work is divided as follows:

1. The Farmers' Conference, which meets on the first day, gives the farmers who come to the Institute from every part of the South an opportunity to report on conditions in the communities from which they come, to relate in a familiar way their personal difficulties and successes, and the methods which they and their neighbors are making use of to improve community conditions.
2. The Workers' Conference, which meets on the second day, is composed of teachers, workers and other persons interested in getting first-hand information concerning conditions among Negroes and the methods which are being used to improve conditions.

### THE LOCAL CONFERENCE

An agent is employed by the school whose duty it is to organize local conferences in different communities in the State and visit those conferences already established in order to encourage and direct them in their efforts to build up the local schools and improve family and community life generally.

Community fairs are held under the direction of the local conferences in their respective communities.

### THE FARMERS' INSTITUTE

The Farmers' Institute holds monthly meetings. Simple lectures and demonstrations, covering the principles of agriculture, are given and the farmers are encouraged to relate their personal experiences in applying these methods to the soil. The Macon County Fair is held in the fall of each year under the direction of the Extension Department.

### THE SHORT COURSE IN AGRICULTURE

The Short Course in Agriculture gives the farmers of the counties surrounding the school an opportunity to spend two weeks at the school in study and observation. (For statement of the course of study, see the Department of Agriculture.)

### MOTHERS' MEETINGS

Mothers' Meetings, first established in the town of Tuskegee by Mrs. Booker T. Washington, are now found in nearly every community in the vicinity of the school. The purpose of these meetings is to interest the women in improving the homes and moral life, and in the general upbuilding of the community through the school and the church.

### RUSSELL SETTLEMENT

A plantation settlement is carried on at the Russell Plantation, eight miles from Tuskegee, and is an attempt, through a rural school, to improve conditions of the Negro farmer in a single community and demonstrate the possibilities of improvement by means of plantation life generally.

### THE MINISTERS' ASSOCIATION

The Ministers' Association is composed of all the ministers of Macon and adjacent counties. It meets four times a year at the Institute and takes up those problems which concern the moral and social welfare of the people in which the church and the ministers are directly concerned. It has done much toward getting the ministers to co-operate along undenominational lines for community betterment.

### TOWN NIGHT SCHOOL

The Town Night School is situated in the town of Tuskegee and has eight teachers, two of whom are academic teachers and five industrial teachers.



The following industries are taught: Cooking, sewing, carpentry, bricklaying, and painting.

The academic training prepares students to enter the Normal School as high as the Junior Class.

The students are mostly from the town or they are students who failed to enter the C Preparatory Class of the Normal School.

A cooking class is conducted twice a week, on Tuesday and Friday afternoons.

The students in these classes are the heads of families and women who cook for white families in the town.

### RURAL SCHOOL EXTENSION

Rural School Extension seeks to assist and direct the Negro farming communities in building schoolhouses, lengthening school terms, and securing competent teachers. The aid received from the Jeanes Fund and other sources enables teachers to employ the most effective methods of teaching the pupils and improving the communities, so that the schools of the county where Tuskegee Institute is located are among the best rural schools in the South.

Special supervisors are employed whose duty it is to visit the various schools and advise and assist teachers, particularly with reference to the management of school farms and school gardens and the teaching of agriculture and the industries. One of the important tasks of these supervisors is the organization of community clubs for the support of the schools.

As a result of the aid and direction which teachers in Macon County now receive they have exceptional opportunities to continue their studies under the direction of the Institute while being engaged in the practical work of teaching. The result is that the work of a teacher in the county has gained the character of post-graduate study in the extension and teaching methods of the Tuskegee Institute. Teachers in the county schools may thus fit themselves while carrying on their work as teachers for the more responsible position of a supervising teacher and of teaching of a professional grade.

There are fifty-five rural schools in Macon County which are now under the general supervision of Tuskegee Institute. These schools offer opportunities to a limited number of students to engage in school work and carry on their studies as described. The facilities offered at present for work of this character are as follows:

The Rural Supervision work of the Institute serves to keep rural teachers in touch with the methods taught in the Institute classes in education as practiced at the Children's House, the training school for teachers. It enables them to carry out suggestions for building up the rural schools under the direction of an agent of the school.

## RISING STAR MODEL SCHOOL

A Model School is maintained in what is known as the Rising Star community, which is just beyond the Institute farm, where a combined school and dwelling house has been erected and two graduates of Tuskegee, a man and his wife, occupy and conduct a public school. The house contains five rooms: a sitting room, bed room, a kitchen, a dining room, and a special class room. There is also a barn and a garden, with horses, cow, pigs and chickens. The regular class room work is carried on in this as in other public rural schools, except that instead of spending all their time in a class room, pupils are divided into sections and given instruction in the ordinary industries of a farm community. While some pupils cook, others clean the house, others the yard, others work in the garden, others are receiving literary instruction.

## RURAL SCHOOL LIBRARIES

Rural School Libraries, circulating libraries sent out by the Institute Library, contain sets of books for teachers and pupils of the rural schools. A part of these are for general reading and the others are professional books. The library enables the teacher to become familiar with, and make use of, in the class room, some of the best books for children. The books of general culture and professional books on teaching agriculture enable the teacher to improve along lines of general culture and to make a more systematic study of rural school conditions and of the work and place of the rural school in rural life.

## TEACHERS' INSTITUTE

The Teachers' Institute, which meets annually, affords an opportunity for teachers in the county to come into touch with each other and with the Institute teachers. Among the subjects discussed at these meetings, in addition to those of general class-room methods, are such matters as: methods of adjusting the class-room work to the needs of the community in which the school is located; the teacher of cooking in rural schools; methods of improving the social life of the community; methods of supplementing the public school funds; management of a school farm; professional reading for rural teachers; correlation and adjustment of academic and industrial teaching in the rural school.

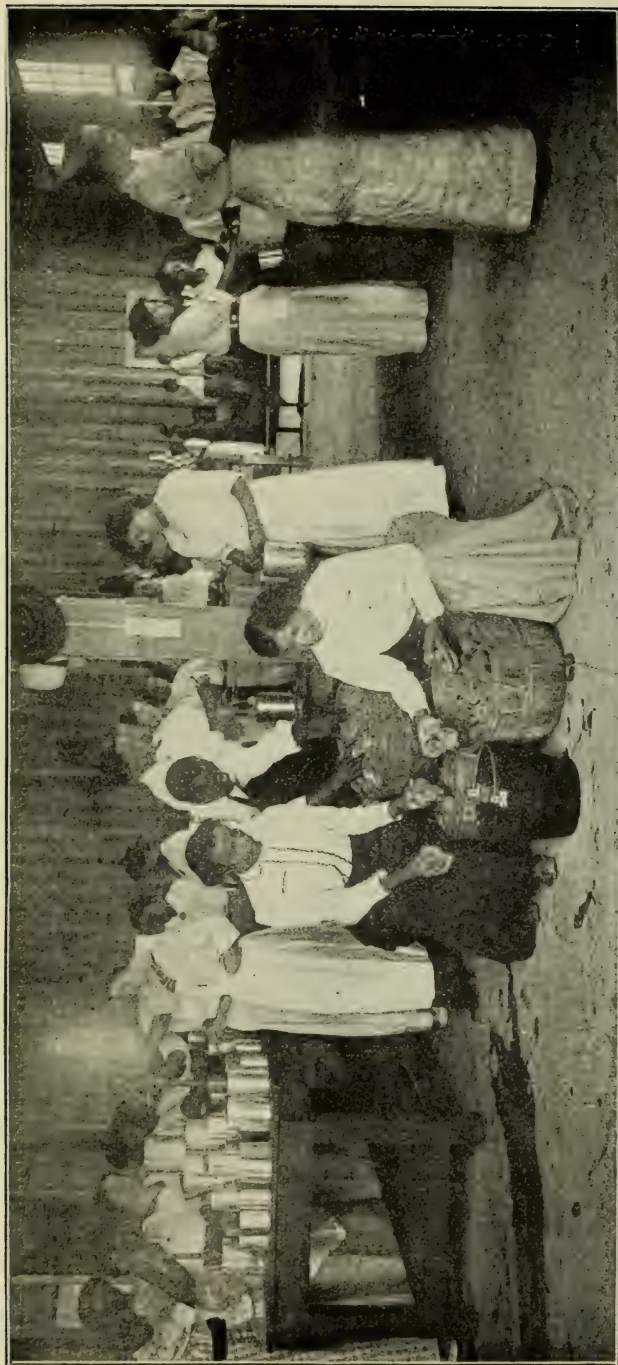
These meetings are conducted so that the teacher gains, not merely the benefit of the suggestions of the other teachers present, but every teacher is invited and is expected to make a real contribution to the knowledge of the problems of the schools and communities in which they are working.

## RURAL SCHOOLHOUSE BUILDING

Through the generosity of Mr. Julius Rosenwald, Trustee, of Chicago, Illinois, provision has been made by which a number of model rural schoolhouses have been and are being built for colored people, in certain counties in Alabama and in a few of the adjacent States to take the place of the one-room schoolhouse usually found in rural districts. The condition attached to the aid thus given is that a given community desiring to build a schoolhouse shall raise an amount of money at least equal to that given from the Rosenwald Fund. Usually, the communities secure aid from their county or State officials and add this to the amount which the colored people themselves contribute. Agents of the Extension Department are employed to go into such communities as plan to build new schoolhouses and help stimulate interest in the movement. The work is done in co-operation with the county and State officials.

Thus far, the results have been beneficial and helpful; for in practically every case, each dollar of the Rosenwald aid has induced the respective communities to contribute two more dollars for schoolhouse building. The average cost of these school buildings is, counting cash, labor, land, and materials, One Thousand Dollars.





SUMMER SCHOOL ACTIVITIES — CANNING FRUIT



# CATALOG OF STUDENTS

## POST-GRADUATE STUDENTS

Belcher, William.....	Birmingham, Alabama
Blackwood, Charles.....	Trinidad, Colorado
Blount, Solomon Madison.....	Mobile, Alabama
Bowen, Chesson.....	Tuskegee, Alabama
Bridges, Theodore Wilford.....	Annemanie, Alabama
Caldwell, Pankley Wesley.....	Bethany, Louisiana
Caliver, Ambrose.....	Knoxville, Tennessee
Callahan, Lillie Belle.....	Corpus Christi, Texas
Campbell, Junius.....	Austin, Texas
Carrillo, Arcadia Diora.....	San Juan, Porto Rico
Carroll, Thomas Wilson, Jr.....	Austin, Texas
Casado, Joaquin.....	Santurce, Porto Rico
Cunningham, Julia.....	Nichburg, Alabama
Cypress, George Christopher.....	Runnymede, Virginia
*Doggett, Richard Dean.....	Philadelphia, Pennsylvania
Dyson, Benjamin Thomas.....	Washington, District of Columbia
*Ellis, Carl Hutchinson.....	Little Rock, Arkansas
Ferrer, Lucia Otilia.....	San Juan, Porto Rico
Fitzgerald, Alvin Lewis.....	Alton, Illinois
Fonville, Harold.....	Mobile, Alabama
Gilkey, Naomi Maggie.....	Little Rock, Arkansas
*Griffith, John.....	Boonville, Indiana
Harrison, Annie Laurie.....	Austin, Texas
Hawes, Bessie Beatrice.....	Macon, Georgia
Hiram, Mrs. Clar Morton.....	Athens, Georgia
Holtzclaw, Ernest.....	Utica, Mississippi
Hubbard, George.....	Malakoff, Texas
Jackson, David Augustus.....	Gayle, Jamaica, British West Indies
Jenkins, Lawrence.....	Kansas City, Missouri
Johnson, Sarah Evelyn.....	Marianna, Arkansas
Jones, Fenuel Pristus.....	Little Rock, Arkansas
Leonard, Vanza O'Hara.....	Cottage Grove, Alabama
*Long, Arthur.....	Varner, Arkansas
Lucas, James William.....	Fitzgerald, Georgia
Majette, George Edward.....	Winton, North Carolina
May, Rollo Gillispie.....	St. Andrews, British West Indies
Mayfield, Egbert.....	Corsicana, Texas

\*Part of Term.

Moore, Fannie Vester.....	Tuskegee, Alabama
Morrow, George.....	Topeka, Kansas
Neal, Aaron Nero.....	Columbia, South Carolina
Nicholas, Annie R.....	Waco, Texas
Pearson, Arnold.....	Fort Valley, Georgia
Peters, Samuel H.....	Shreveport, Louisiana
Pieters, Charles.....	Stanley Town, New Amsterdam British Guiana, South America
Porter, Douglass Martin.....	Gonzales, Texas
Powell, Ralph Everett.....	Mishawaka, Indiana
Randolph, James Herman.....	San Antonio, Texas
Reed, General Grant.....	San Augustine, Texas
Scott, Mary Ethel.....	Athens, Ohio
*Stanbrough, Jesse.....	Tallulah, Louisiana
Stewart, Hal T.....	Lexington, Kentucky
Tabor, Alva.....	Birmingham, Alabama
Torres, Providencia Delia.....	San Juan, Porto Rico
Williams, Isaac Samuel Moroundia.....	Ebute Metta, Lagos, Southern Nigeria, West Africa
Williams, Nannie.....	Love, Mississippi
†Winkfield, Lewis Taylor.....	Sontag, Virginia
Young, Willia Alberta.....	Carlisle, Arkansas

## SPECIAL STUDENTS

Applewhite, Dixie.....	Corsicana, Texas
Awtrey, Josephine.....	Birmingham, Alabama
Bean, Theophilus.....	Selma, Alabama
*Booth, Noah.....	Bassfield, Mississippi
Bowen, Eleanor Mildred.....	Jacksonville, Florida
*Coleman, Buelah Evelyn.....	Little Rock, Arkansas
*Escoe, Walter Everett.....	Muskogee, Oklahoma
*Harris, Mary Jannette.....	Sandersville, Georgia
*Hawkins, Dallas Anthony.....	Kittrell, North Carolina
Hewlett, Pauline.....	Philadelphia, Pennsylvania
Hilson, Viola Lillian.....	Sandersville, Georgia
*Jenkins, William Campbell.....	Birmingham, Alabama
Kohloff, Caspar.....	Travancore, Trivandrum, S. India
Lay, Lilla Oque.....	Rome, Georgia
Leonard, Adolphus.....	Cottage Grove, Alabama
McCray, Kenneth Vivian.....	Richmond, Indiana
Nichols, Sallie Belle.....	Hillman, Arkansas
Pleasant, Vanclee.....	Victoria, Texas
Riley, John.....	Jeffersonville, Indiana
Stewart, Abraham.....	Rodessa, Louisiana

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\*Part 2<sup>d</sup> Term.

†Deceased.

Stokely, Odessa Addie.....	Athens, Georgia
Taylor, Louise Deson.....	Mobile, Alabama
Wallace, George Lewis.....	Vicksburg, Mississippi
Wood, Adella.....	Appalachicola, Florida

## SENIOR CLASS

Adams, Rowena.....	Tuskegee, Alabama
Aitken, Ainsworth Beswich.....	Cario, Costa Rica, Central America
Allen Herbert Anderson.....	Hancock, Maryland
Allen, Napoleon Williams.....	Columbus, Georgia
Alston, Louis.....	Charleston, South Carolina
Anderson, Blanche Wardel.....	Abingdon, Virginia
Avant, William Clanford.....	Herbert, Alabama
Barney, Celestine Magdalene.....	Mobile, Alabama
Barry, Ferdinand.....	Starksville, Mississippi
Beckwith, Jarvis Monroe.....	Dover, South Carolina
Bowen, Humphrey.....	Tuskegee, Alabama
Bray, Pauline Beatrice.....	Tuskegee Institute, Alabama
Bruce, Bates Shaw.....	Dalton, Missouri
Bryant, Charles Harvey.....	Allen, Louisiana
Bullard, Mary.....	Anniston, Alabama
Burton, Sallie Lou.....	Elberton, Georgia
Butler, Helen Ruth.....	Pensacola, Florida
Butler, Martha Sadie.....	Birmingham, Alabama
Carey, Calvin.....	Macon, Georgia
Carlisle, Bertha Willie.....	La Grange, Georgia
Carter, Alberto.....	St. Thomas, Danish West Indies
Clark, Herbert Lee.....	Auburn, Alabama
Clemons, Walter Kamba.....	Monrovia, Liberia, West Africa
Cohen, Monsees Waring.....	Summerville, South Carolina
Cole, Lottie Belle.....	Montgomery, Alabama
Conyers, Juanita H. V.....	Savannah, Georgia
Crum, Alice Anna.....	Birmingham, Alabama
Cunningham, Lillian.....	Milstead, Alabama
Cunningham, Mary M.....	Eufaula, Alabama
Davis, Elnora A.....	Griffin, Georgia
Davis, Fred Louis.....	Montgomery, Alabama
Davis, Minnie Lucile.....	La Grange, Georgia
De Jesus, Quintin Tejada.....	Arecibo, Porto Rico
Dimitry, Ernest Lee.....	New Orleans, Louisiana
Dixon, Mattie Elizabeth.....	Houston, Texas
Douglass, Erma Etta.....	Sherman, Texas
Driscoll, Naomi.....	Notasulga, Alabama
Figueras, Jose.....	Santurce, Porto Rico
Finch, Eunice A.....	Birmingham, Alabama
Fish, Marie Needham.....	Columbus, Georgia

Forsythe, Wilfred Bell.....	Clonmel, Jamaica, British West Indies
Gaillard, Herbert Raymond.....	Charleston, South Carolina
Gaines, Annie Will.....	Columbus, Georgia
Gauntt, Tommie Verdella.....	East Tallassee, Alabama
Gibson, Charles Hansford, Jr.....	Tuskegee Institute, Alabama
Goff, James Edward.....	Vicksburg, Mississippi
*Graham, Sudie Belle.....	Tuskegee, Alabama
Griffin, Powell William.....	Giddings, Texas
Harbin, Bettie Annie Belle.....	Lisman, Alabama
Harden, Neada Belle.....	Tishabee, Alabama
Harper, George.....	Milledgeville, Georgia
Harper, Mattie.....	Tuskegee, Alabama
Hudson, William Hendrick.....	Houston, Texas
Hurry, Robert Jackson.....	Monroeville, Alabama
Ingraham, Frank Wilton.....	China, Alabama
Jackson, Addie Lucile.....	La Grange, Georgia
Johnson, Charles Declare.....	Columbus, Texas
Johnson, Clarence Lafayette.....	Rome, Georgia
Johnson, Jennie Corinne.....	Greenville, South Carolina
Jones, Carrie Sapharilla.....	Thomasville, Georgia
Jones, Benjamin Lee.....	Auburn, Alabama
Kamnqua, Edmund W. S.....	Engcobo, Tembuland, Union of S. Africa
Keyser, Lloyd.....	Mobile, Alabama
King, Clennon Washington.....	Marianna, Florida
Lee, Arnold Wardsworth.....	Selma, Alabama
Lee, Maurice Aldrich.....	Kansas City, Missouri
Leslie, Sybil.....	Bethel Town, Jamaica, British West Indies
Lewis, Noah.....	Olivier, Louisiana
Lisk, Emanuel.....	Brookhaven, Mississippi
Lyons, Wesley Alfred.....	Denver, Colorado
Mahone, Evelyn.....	Tuskegee, Alabama
Marsh, Samuel James.....	Camden, Alabama
McDaniels, Louise Edith.....	Calhoun, Alabama
McDowell, Stella.....	Cincinnati, Ohio
McMinn, Albert Nianza.....	Festus, Missouri
Meyers, William.....	Fitzgerald, Georgia
Michael, Leslie.....	Asheville, North Carolina
*Miller, Randolph Cornelius.....	St. Croix, Danish West Indies
Moody, Augustus O'Neal.....	El Paso, Texas
Moultrie, Louise Elizabeth.....	Tuskegee Institute, Alabama
Pace, Torbert Park.....	Opelika, Alabama
Partner, John H.....	Villa Rica, Georgia
Philpot, Sallie Helen.....	Loachapoka, Alabama
Pickett, William Clifford.....	Fitzpatrick, Alabama

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\*Part of Term.



Pierce, Joseph.....	Mobile, Alabama
Pius, Anetta.....	St. Louis, Missouri
Poaches, James McClenan.....	Charleston, South Carolina
Powell, Ethel.....	Tuskegee, Alabama
Price, Elizabeth Josephine.....	Jackson, Mississippi
Richardson, Nollie Mary.....	Utica, Kentucky
Richburg, Cora Juanita.....	Tuskegee, Alabama
Rogers, Henry W. L.....	Columbus, Georgia
Roney, Preston.....	Indianapolis, Indiana
Sadler, Frederick Douglass.....	Trinidad, British West Indies
Scott, Clarissa Mae.....	Tuskegee Institute, Alabama
Scott, Emma Marie.....	Tuskegee Institute, Alabama
Sellers, Russie.....	Charleston, West Virginia
Sloan, Hayes Garfield.....	Huntington, West Virginia
Smith, Eloise.....	Pineland, South Carolina
Smith, Roland Leon.....	Uniontown, Alabama
Stephens, Richard.....	Tallahassee, Florida
Stevens, Geneva Lottie.....	Vicksburg, Mississippi
Stevens, Leta Michael.....	Tuskegee, Alabama
Stewart, Charles Herbert.....	Woodville, Mississippi
Storey, Gladys May.....	Columbus, Georgia
Taylor, Alfred James.....	Seale, Alabama
Taylor, Helen Anita.....	Tuskegee Institute, Alabama
Taylor, Indiana Roberta.....	Covington, Georgia
Taylor, Robert Rochon.....	Tuskegee Institute, Alabama
Thomas, Henry Foster.....	Magnolia Springs, Texas
Thompson, Jennie Virginia.....	Uniontown, Alabama
Thompson, Phillis Cephyr.....	Galveston, Texas
Tindall, Mamie Beatrice.....	Houston, Texas
Torbert, Odelle Carrie.....	Columbus, Georgia
Tyson, Cleopatra Charlotte.....	Girard, Alabama
Vann, Serena Elizabeth.....	Rock Island, Illinois
*Vena, James Monroe.....	Los Angeles, California
Walker, Eliza Beatrice.....	Tuskegee Institute, Alabama
Walker, Sadie Carlee.....	Mt. Meigs, Alabama
Walls, Beulah Viola.....	Birmingham, Alabama
*Watkins, Isaiah.....	Montgomery, Alabama
Whittaker, Annie Nelson.....	Tuskegee Institute, Alabama
Wiley, Pauline.....	Pine Bluff, Arkansas
Williams, Cora Lee.....	Birmingham, Alabama
Williams, Mattie Mae.....	Birmingham, Alabama
Williams, Minnie Minerva.....	High Point, North Carolina
Williams, William James.....	Rome, Georgia

\*Part of Term.

Williamson, Isaac.....	Red Bird, Oklahoma
Williamson, Mary Pearl.....	Shelby, Mississippi
Wilson, John.....	Somerset, Bermuda, British West Indies
Wimbs, Dorothy.....	Memphis, Tennessee
Woods, Trudie.....	Gadsden, Alabama
Wright, James Ernest.....	Deland, Florida
Wynn, Clarence Cornelius.....	Columbus, Georgia
Wynn, Evelyn Mae.....	Tuskegee Institute, Alabama
Xuma, Alfred.....	Engcobo, Tembuland, South Africa

## A MIDDLE CLASS

Alston, Daniel Lee.....	Wiggins, Mississippi
Amakyi, John O. H.....	Shanti Road, Salt Pond, Gold Coast W. Africa
Andrews, Roscoe Conkling.....	Buena Vista, Georgia
Banks, Pinkie Annie Lee.....	Woodstock, Alabama
Bell, Jessie Ada.....	Waycross, Georgia
Bergen, Commodore.....	Cascilla, Mississippi
Bates, Estelle.....	Florence, Alabama
Beverly, Miltrude Bernice.....	Galveston, Texas
Bowen, Lucius Simeon Augustus.....	Darleston, Jamaica, British West Indies
Boykins, Henry.....	Rockland, Texas
Brietling, Lillian Belle.....	Demopolis, Alabama
Brewer, Paul.....	Tuskegee, Alabama
Brooks, John Milton.....	Tuskegee, Alabama
Brown, Agnes Lucinda.....	Jamesport, Long Island, New York
Bryan, Edna Sarah.....	Topeka, Kansas
Buchanan, Katie Lee.....	Tuskegee, Alabama
Burnette, John Edward.....	Enid, Mississippi
Burt, Ida Daisy.....	Fort Deposit, Alabama
Calloway, Lonnie Clarissa.....	Birmingham, Alabama
Cannon, Fannie.....	Sardis, Mississippi
Carlin, James Clay.....	Cheneyville, Louisiana
Carlis, Lillian Kate.....	Notasulga, Alabama
Carlton, James David.....	Tuskegee, Alabama
Chambers, Callie.....	Lake Providence, Louisiana
*Cobb, Mabel.....	Tuskegee, Alabama
Collins, Thomas Edgar.....	Vicksburg, Mississippi
Cotton, Lonnie Horace.....	Conroe, Texas
Cowington, Henri Oscar.....	Port-au-Prince, Haiti
Crayton, Frederick Douglass.....	Jolns, Alabama
Cunningham, Andrew.....	Carrolton, Alabama
Cunningham, Inez.....	Milstead, Alabama
Cunningham, Robert Lee.....	Manor, Texas

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\*Part of Term.

Darthard, Commodore Perry.....	Leighton, Alabama
Davis, Ada Pearl.....	Birmingham, Alabama
Davis, Sylvester Sanford.....	Waugh, Alabama
Dees, Rosa Belle.....	Camphill, Alabama
Durant, Willie May.....	Atlanta, Georgia
Durgans, Marcus Caesar.....	Millers Ferry, Alabama
East, Frank J.....	Rienzi, Mississippi
*Ector, Walter Clenton.....	Atlanta, Georgia
Eddings, Leroy.....	Versailles, Kentucky
Edinburgh, Joseph Leonius.....	New Orleans, Louisiana
Ellis, Herbert Alexander.....	Kingston, Jamaica
	British West Indies
Ewart, James Daniel.....	Jacksonville, Florida
Freeman, Daniel Elijah.....	Wilson, North Carolina
Flake, Chester Arthur.....	Salem, Alabama
†Flake, John Boyd.....	Tuskegee, Alabama
Flake, Solomon David.....	Tuskegee, Alabama
Flood, James Julian C.....	Demopolis, Alabama
Fortune, Ruby Veolia.....	Smoots, Virginia
Frazier, Ernest.....	Selma, Alabama
Gaillard, Emily Louise.....	Charleston, South Carolina
Gaillard, Osie.....	Hensley, Arkansas
Godie, Pearl.....	Waycross, Georgia
Gray, Annie Vernell.....	Birmingham, Alabama
Green, Alphonso.....	Houston, Texas
Green, Bettie Boyer.....	Glasgow, Virginia
Green, Charles Stafford.....	Morenci, Arizona
Greene, Harriet Salina.....	Tuskegee Institute, Alabama
Hardie, Mattie Lee.....	Birmingham, Alabama
Harris, Junius.....	New Orleans, Louisiana
Hicks, Ola Marion.....	Oxford, North Carolina
Higbee, Bernice Ruth.....	San Francisco, California
Hill, Abraham.....	Tuskegee, Alabama
Hill, Joseph.....	Washington, District of Columbia
*Hodge, Fitzhugh Lee.....	Denton, Texas
Holloman, Robert.....	St. Louis, Missouri
*Holmes, Sylvester Smith.....	Birmingham, Alabama
Howze, Solomon.....	Clarksville, Alabama
Hrabowski, Addie.....	Ensley, Alabama
Hrabowski, Julia Gasolina.....	Montgomery, Alabama
*Jackson, Adelaide.....	Uniontown, Alabama
Jewett, Jonas Levis.....	Victoria, Texas
*Johnson, Alfred.....	Anniston, Alabama

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\*Part of Term.

†Deceased.

*Johnson, Albert Edward.....	Corona, Alabama
Johnson, Benjamin Franklin.....	Bessemer, Alabama
Johnson, Ludie H.....	Tuskegee, Alabama
Johnson, Willia Louise.....	Marshall, Texas
Johnson, William Lafayette.....	Columbus, Texas
Jones, Luther Jasper.....	Bassfield, Mississippi
Jordan, Annie Jodie.....	Fort Worth, Texas
Jordan, Chappie.....	Fort Worth, Texas
Jordan, Peach Kaiser.....	Little Rock, Arkansas
Kitchen, Lejie.....	Troy, Alabama
Lay, Felton Wakley.....	Rome, Georgia
Lee, Clarence Augustus.....	Marion, Alabama
Lowe, Fannie May.....	Waverly Hall, Georgia
Maddox, Esther Stella.....	Milner, Georgia
Manley, Modist Martin.....	Beaumont, Texas
Mann, Richard.....	Curryville, Georgia
Marshall, Vera Louise.....	Chicago, Illinois
Martin, Hubert.....	Port Maria, Jamaica, British West Indies
*Matthews, James Oscar.....	Enterprise, Alabama
McClellan, Council Washington.....	Centerville, Alabama
McDaniels, Cleveland Harrison.....	Quincy, Mississippi
McKinnon, Portia.....	Palmetto, Florida
Medley, Robert Aaron.....	Columbia, Tennessee
Miller, Dora Lee.....	Anderson, South Carolina
*Morris, Gabie Lee.....	Eufaula, Alabama
*Morris, Harrison Daniel.....	Brusley, Louisiana
Motley, Alice Creola.....	Tuskegee, Alabama
Munez, Vicente Gil.....	Mayaguez, Porto Rico
Narcisse, Thomas Junius.....	Jeanette, Louisiana
Neely, Susie.....	Newberry, South Carolina
Nichols, James Henry.....	Hillman, Arkansas
Norris, James.....	Spartanburg, South Carolina
O'Neal, Ollie Elizabeth.....	St. Louis, Missouri
Ovletrea, John Wesley.....	Birmingham, Alabama
Pantaleon, Migulena.....	Fajardo, Porto Rico
Parks, Roy.....	Manor, Texas
Patton, Milford Earl.....	Alcorn, Mississippi
Person, Lucius Aldridge.....	Birmingham, Alabama
Perkins, Daisy Ellen.....	Pinehill, Alabama
Powell, Audrey Odellia.....	Houston, Texas
Pryor, Julius.....	Brundidge, Alabama
Rackard, Ralph Duncan.....	Ocala, Florida
Reed, Norman Jehorada.....	Westmoreland, Jamaica
	British West Indies

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\*Part of Term.



*Renaud, Carrison.....	Mansure, Louisiana
Robinson, Ismay.....	Mandeville, Jamaica, British West Indies
Robinson, Jr., William.....	Pensacola, Florida
Salmond, Savannah.....	Sunflower, Mississippi
Sanford, Rutherford.....	El Paso, Texas
Saunders, Amos Carey.....	Kingston, Jamaica, British West Indies
Scott, Evelyn Bernice.....	Tuskegee Institute, Alabama
Scott, Robert N.....	Falmouth, Jamaica, British West Indies
Sellers, Alphonso.....	Lafayette, Louisiana
Sherman, Carrie.....	Thomaston, Georgia
Sherman, Sylvetta Juanita.....	Claremore, Oklahoma
Simms, Nolan Clinton.....	Honoraville, Alabama
Slater, Maggie Allegro.....	Milledgeville, Georgia
Smith, Benjamin Franklin.....	Alexander, Louisiana
Stillwell, Ruth Goldey.....	Tuskegee Institute, Alabama
Taylor, Lydia Sylvia.....	Pine Bluff, Arkansas
Terrell, Leola.....	Milstead, Alabama
Thomas, George Curtis.....	Mobile, Alabama
Thomas, Sophia Joanna.....	Summit, Mississippi
Thomas, William Cary.....	Brunswick, Georgia
Thompson, Corinne.....	Huntington, West Virginia
Valentine, Corean Mary.....	Anderson, South Carolina
Walker, Clarence Arnold.....	Waugh, Alabama
Ward, Marie Eloise.....	Demopolis, Alabama
Wardah, Charles Tedo.....	Grand Bassa, Liberia, West Africa
Washington, Harold.....	Tuskegee Institute, Alabama
Washington, Lafayette.....	Griffin, Georgia
Washington, Mamie Lucile.....	Macon, Georgia
Washington, Margaret Josephine.....	Tuskegee Institute, Alabama
Waters, Florence Cornell.....	Savannah, Georgia
Watkins, Catherine Jeannette.....	Tuskegee Institute, Alabama
Watson, Ruth Georgia Louise.....	Charleston, West Virginia
Wilkerson, William Sanford.....	Mobile, Alabama
Wilson, Albion Smith.....	Ellis Harbor, Somerset, Bermuda
	British West Indies
Williams, Charles McKinley.....	Franklin Park, New Jersey
Williams, Judson Andrew.....	Montgomery, Alabama
Williams, Orelia.....	New Orleans, Louisiana
William, Philip Clayton.....	Cumberland, Maryland
Wright, John Wesley.....	Stocktown, California
Zuber, George Turner.....	Starksville, Mississippi

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\*Part of Term.

## B MIDDLE CLASS

Alfred, Beulah.....	Expose, Mississippi
Alfred, Holly.....	Expose, Mississippi
Allen, Lela Mae.....	Rome, Georgia
Allen, Hattie Lucile.....	Hattiesburg, Mississippi
Altiery, Carmen Maria.....	Mayaguez, Porto Rico
Awtrey, Malvina.....	Birmingham, Alabama
*Ayers, Abbie Senior.....	Shadyside, Virginia
Ball, Louise Emma.....	Montgomery, Alabama
Barnes, Emory Horatio.....	San Antonio, Texas
Barnes, Ethel Dora.....	Watson Hill, St. Elizabeth, Jamaica
	British West Indies
Bernier, Felix Caleb.....	Port-au-Prince, Haiti
Bates, Willie Pearl.....	Florence, Alabama
Beckett, Handy Burlay.....	Philadelphia, Pennsylvania
*Beckwith, Lillian D.....	Montgomery, Alabama
Benford, William Clay.....	Opelika, Alabama
Best, David Benjamin.....	Spanishtown, Jamaica, British West Indies
Bishop, Nellie.....	Lexington, Kentucky
Bolds, Robert Ernest.....	Buena Vista, Alabama
Boroughs, Irene Beatrice.....	Thomasville, Alabama
Bowie, Cora Lee.....	Calhoun, Alabama
Brashear, George.....	Los Angeles, California
Breedlove, Eleanor.....	Tuskegee, Alabama
Brooks, Allen E. S.....	Vicksburg, Mississippi
Brooks, Luther.....	Westmoreland, Jamaica
	British West Indies
Brown, Etoila Victoria.....	Lafayette, Georgia
Brown, Leon William.....	Birmingham, Alabama
Brown, Lizzie Arderlia.....	Milledgeville, Georgia
Brown, Louise Agatha.....	Montgomery, Alabama
Brown, Minnie Ethel.....	Folsom, California
Broyles, Edgar.....	Memphis, Tennessee
Bulls, Albert.....	Florence, Alabama
*Burns, Leroy.....	Talladega, Alabama
Burroughs, Albert Lawrence.....	Brunswick, Georgia
Burton, Alice.....	Shorters, Alabama
Carlton, Ella Mattie.....	Tuskegee, Alabama
*Carreras, Leopold.....	San Juan, Porto Rico
Casterman, Charles Franklin.....	Sicily Island, Louisiana
Childs, Creed Washington.....	Richmond, Virginia
Clow, Jesse James.....	Oberlin, Oklahoma
Cole, Arthur Chandler.....	Los Angeles, California

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\*Part of Term.

Collins, George Robert.....	Lansing, Michigan
Colter, Mattie Josephine.....	Tuskegee, Alabama
Colter, Ruth Tecara.....	Tuskegee, Alabama
Connor, Sarah Louise.....	Morristown, New Jersey
Connover, Morgan Brigham.....	Hartford, Connecticut
Cook, William McKinley.....	Calhoun, Alabama
Cooley, Woods.....	Dora, Alabama
Cotton, Annie Mabel.....	Hot Springs, Arkansas
Cottrell, Beulah Avergail.....	Holly Springs, Mississippi
Counts, Samuel James.....	Coconut Grove, Florida
Day, Myrtle.....	East Bloomfield, New York
De Lyles, William Ray.....	Pine Bluff, Arkansas
Dickerson, Sanona.....	Atlanta, Georgia
Dotson, James Henry.....	Edwards, Mississippi
Dickson, Walter Lee.....	Orangeburg, South Carolina
Douglass, Samuel.....	Aspen Hill, Tennessee
*Drew, Thomas.....	Lake Providence, Louisiana
Eastland, Nannie.....	Greenville, Mississippi
*Evans, Maggie.....	Birmingham, Alabama
Ferrell, Henry.....	Macon, Georgia
Eaves, John Henry.....	Union Springs, Alabama
Fields, Clarence.....	Taft, Oklahoma
*Fortson, Jesse.....	Montgomery, Alabama
*Foster, Calvin.....	St. Joseph, Missouri
Foster, William E.....	Tuskegee, Alabama
Fowler, Henry.....	Andalusia, Alabama
Frazier, Leon William.....	Charleston, South Carolina
Fulton, Annie Louise.....	Columbus, Mississippi
Gadsbury, Isby Beulah.....	New Orleans, Louisiana
Gaines, Reginald Montessor.....	Washington, District of Columbia
*Garner, Arthur Furdon.....	Chicago, Illinois
Germany, Horace Lorenzo.....	Union Springs, Alabama
Gibson, James Slater.....	Tuskegee Institute, Alabama
Giddens, Dessie B.....	Birmingham, Alabama
Gilliam, William Alfonso.....	Tuskegee, Alabama
Godfrey, Bertha.....	Pittsburgh, Pennsylvania
Gousse, Marc Christian.....	Jacmel, Haiti
Gray, Matthew.....	Gainesville, Alabama
Gray, Perlonia.....	Tuskegee, Alabama
Greene, Devotion.....	Tuskegee, Alabama
Hackney, Annie Laurie.....	Rome, Georgia
Hamilton, Marie.....	Cayon, St. Kitts, British West Indies
Hardaway, Nettie Beatrice.....	Eufaula, Alabama
Harris, Benjamin Amos.....	Stantonsburg, North Carolina

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\*Part of Term.

Harris, Eugene.....	Gallatin, Tennessee
Harris, Lillie.....	Petrey, Alabama
Harvey, Lucile Ellen.....	Rouston, Louisiana
Harvey, Mattie Leo.....	Rouston, Louisiana
Hayes, William James.....	St. Louis, Missouri
*Hirston, Mary.....	La Grange, Georgia
Hogans, Thaddeus.....	Goldsboro, North Carolina
*Hubbard, Brooks.....	Holly Springs, Mississippi
Hudson, Chauncey Reid.....	Valdosta, Georgia
Hudson, Hillary Jefferson.....	Valdosta, Georgia
Hudson, Nena Ethel.....	Columbus, Georgia
*Huguley, John Wesley.....	Americus, Georgia
Jackson, James Edward.....	Montgomery, Alabama
Jackson, James Lee.....	Orange, New Jersey
Johnson, Alice.....	Tuskegee, Alabama
Johns, Charlie Odelle.....	Paris, Texas
Jones, Crosby McCura.....	Dyersburg, Tennessee
Jones, Eliza Belle.....	Americus, Georgia
Jones, Sarah Elizabeth.....	Vicksburg, Mississippi
Jones, Ernest Cyril Briely.....	Robertport, Liberia, Africa
Jones, Richard Howard.....	Columbus, Mississippi
Key, Janie Mae.....	Milstead, Alabama
King, Edward.....	Mathews, Alabama
Kirby, David.....	Kyle, Texas
Kynett, Christopher.....	Selma, Alabama
Lanier, William C.....	Beaumont, Texas
Latimer, William Shakespeare.....	Anderson, South Carolina
Lee, Alma Bondyne.....	Montgomery, Alabama
*Lewis, Willie Inez.....	Vicksburg, Mississippi
Lewis, Zadie Gertrude.....	Greensboro, Georgia
*Lovejoy, Maggie Lenora.....	Uniontown, Alabama
Loving, Warrenton.....	Richmond, Virginia
Marchand, James.....	Baton Rouge, Louisiana
Matthews, Minnie.....	Holy Springs, Mississippi
Mathews, Willie.....	Holy Springs, Mississippi
May, William Percy.....	Benton, Alabama
McCune, Ruth Marion.....	Atlanta, Georgia
*McDonald, Jessie Queen.....	Flint, Alabama
McDonald, William Barrington.....	Guantanamo, Oriente, Cuba
McGhee, Mary.....	New Orleans, Louisiana
McGriff, William.....	Beachton, Georgia
McMillan, Sadie Alberta.....	Tuskegee, Alabama
McQueen, Lamar.....	Troy, Alabama
Miller, Sadie Leona.....	Fort Valley, Georgia

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\*Part of Term.



Mitchell, Emmons Parker.....	Boynton, Oklahoma
Mitchell, Sallie Taylor.....	Barlow, Florida
Moore, Myrtle Victoria.....	Tuskegee, Alabama
Moore, John Washington.....	Birmingham, Alabama
Morgan, Lurlean.....	Laurel, Mississippi
Morse, Malachi.....	Norfolk, Virginia
Moses, Dock, Jr.....	Blackley, Georgia
Mosley, Charles Whitfield.....	Whistler, Alabama
Motley, Artie Elizabeth.....	Tuskegee Institute, Alabama
Murphy, Alexander.....	Tuscaloosa, Alabama
Myers, Felix Samuel.....	New York, New York
Myree, Ada.....	Montgomery, Alabama
Nabors, Charles James.....	Columbus, Mississippi
Nichols, Steven William.....	Hillman, Arkansas
Norwood, Ivory Charlemagne.....	Nanafalia, Alabama
Osborn, Reginald Hugh.....	Kingston, Jamaica, British West Indies
Parker, Louvonia.....	Fortson, Georgia
Patterson, Geneva Matilda.....	Tuskegee, Alabama
Perry, Claudia.....	Dora, Alabama
Peters, Erlynee Grace.....	Columbus, Georgia
Pius, Letitia.....	St. Louis, Missouri
Poole, Wallace.....	Roanoke, Alabama
Pressley, Hattie.....	East Tallassee, Alabama
Ray, Thomas Franklin.....	Evergreen, Alabama
Redden, Thresa Marie.....	Clearwater, Florida
Reed, Minor Charles.....	Estrada, Costa Rica, Central America
Reid, Bennie Lucile.....	Griffin, Georgia
Reed, Eugene.....	Columbia, South Carolina
Richardson, Althea Adella.....	Tuskegee, Alabama
Richardson, Annie.....	Cairo, Georgia
Richardson, Ruby Pearl.....	Tuskegee, Alabama
Roberts, Richard Everyheart.....	White Plains, Georgia
Robinson, Carl Morgan.....	Jacksonville, Florida
Rutledge, Ida Belle.....	Tuskegee, Alabama
Sampson, Alphonso.....	Jackson, Mississippi
Sharpe, Mamie.....	Montgomery, Alabama
Simms, William.....	Honoraville, Alabama
Simpson, Judson.....	Atlanta, Georgia
Smith, Alvin Dean.....	Anniston, Alabama
Smith, Daisy Bessie.....	Red Springs, North Carolina
*Smith, Dora Lee.....	Bessemer, Alabama
Smith, William Charles E.....	Brunswick, Georgia
Strong, Jessie May.....	Montgomery, Alabama
Sullins, Ola.....	Tuskegee, Alabama

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\*Part of Term.

Sullivan, Laulie Alma.....	Cheneyville, Louisiana
*Taylor, James Horace.....	Magnolia, Mississippi
*Taylor, Minnie Maurice.....	Columbus, Mississippi
Thomas, James Franklin.....	Magnolia, Louisiana
Thomas, Jesse.....	Troy, Alabama
Thomas, Julian Broad.....	Brunswick, Georgia
*Thompson, Odessa Mildred.....	Durham, North Carolina
Tressville, Bessie Mildred.....	Galveston, Texas
Tulane, Naomi L.....	Montgomery, Alabama
Ward, Willie Anne.....	Gallion, Alabama
*Watkins, Ethel Louise.....	Brooklyn, New York
Watkins, Maude Lavina.....	Tuskegee Institute, Alabama
White, Birdie.....	Brunswick, Georgia
White, Dorothy T.....	Bradford, Pennsylvania
*White, Earl Buford.....	Kosciusko, Mississippi
White, Samuel Henry.....	Montserrat, Trinidad, British West Indies
Whitlow, Carrie.....	Tuskegee, Alabama
Whitted, Veola Marie.....	Birmingham, Alabama
Williams, Clarence Samuel Lewis.....	Thomasville, Georgia
Williams, David Henry.....	Galveston, Texas
*Williamson, John Milton.....	Shelby, Mississippi
Willis, Christabel.....	Dalton, Georgia
Wilson, Alfred Louis.....	Columbus, Mississippi
Wilson, Hector Julian.....	Tuskegee, Alabama
Woodin, Charles Wesley.....	Louisville, Kentucky
Woodruff, Robert Ellison.....	Gadsden, Alabama
Woods, John Vannius.....	Calhoun, Alabama
Woods, Margaret.....	Hadnot, Louisiana
Zachary, Clarence Taylor.....	Lexington, Kentucky

## JUNIOR CLASS

Allen, Maggie.....	Tuscaloosa, Alabama
*Alex, Crawford.....	Bristow, Oklahoma
Alston, George Leonard.....	Boynton, Oklahoma
*Anderson, Charles Estes.....	Lowmoor, Virginia
Arnold, Robert.....	Hot Springs, Arkansas
Aycock, Birdie Lee.....	Atlanta, Georgia
Awtrey, Vera Mae.....	Birmingham, Alabama
Baker, Solomon.....	Cairo, Georgia
Banks, Thomas Jefferson.....	Sylacauga, Alabama
Barclay, Margaret Elizabeth.....	Birmingham, Alabama
Bass, Ruth.....	New York, New York
Bertrand, Adolph.....	Port-au-Prince, Haiti

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\*Part of Term.

Beverly, Freida.....	Galveston, Texas
Bendy, Gideon Ward.....	Beaumont, Texas
Boyd, Ester Evelena.....	Dallas, Texas
Britt, Layman.....	Campbellton, Florida
Brown, Jerry.....	Travellers' Rest, North Carolina
Brooks, Jevie .....	Troy, Alabama
Brooks, Desser Lou.....	Calhoun, Alabama
Brown, Wenona.....	Mt. Meigs, Alabama
Bruce, Ernestine Smith.....	Tuskegee Institute, Alabama
Bryant, Daisy.....	Livingston, Alabama
Buchanan, Cornelius Thomas.....	Moss Point, Mississippi
Burke, Edmond Shack.....	Mitchell Station, Alabama
Campbell, Mary Etta.....	Notasulga, Alabama
Carlos, Larcia Belle.....	Tuskegee, Alabama
Carpenter, Gales.....	Terrell, Texas
Carruthers, William D.....	Beaumont, Texas
Carter, Dixie.....	New Smyrna, Florida
Chambliss, Minnie Lee.....	Tuskegee, Alabama
Chapman, Gillispie.....	Anniston, Alabama
Clark, Henry Mack.....	Enterprise, Alabama
Clayton, Bessie Bryant.....	Sapulpa, Oklahoma
Cockrell, William.....	Columbus, Mississippi
*Cofield, Archie.....	Roanoke, Alabama
Cole, Solomon.....	Kindel, Louisiana
*Coleman, James Alexander.....	Columbus, Georgia
Coleman, Nancy Harriett.....	Prattville, Alabama
Coleman, William Thomas Alexander.....	Lineville, Alabama
Collins, Susie Mae.....	Faunsdale, Alabama
Cooper, Elmore.....	Verbena, Alabama
Cooper, Nellie Naomi.....	Tuskegee Institute, Alabama
Cowan, Richard William.....	Tuskegee Institute, Alabama
Cunningham, Frederick Douglass.....	Eufaula, Alabama
*Curry, Jessie Milton.....	Bessemer, Alabama
Davis, Aaron.....	Montgomery, Alabama
Davis, Duckie Eudora.....	Tuskegee, Alabama
Davis, Henry, Jr.....	Baton Rouge, Louisiana
Davidson, Luther Napoleon.....	Thomasville, Georgia
Dennis, John.....	Darien, Georgia
Dill, Lela Belle.....	Chicago, Illinois
Drake, Willie.....	Tacomo, Washington
Duncan, C. L. Eugene.....	Galveston, Texas
Edmunds, Marie.....	Collinsville, Alabama
Edwards, Alvin Ernest.....	Lum, Alabama

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\*Part of Term.

Edwards, Clifford.....	Muskogee, Oklahoma
Ellis, Missouri.....	Memphis, Tennessee
Escapa, Jose Isabel.....	Mayaguez, Porto Rico
Fisher, Constance Clementine.....	Tuskegee Institute, Alabama
Flake, Katie Belle.....	Tuskegee Institute, Alabama
Flake, Ulysses.....	Tuskegee Institute, Alabama
Flood, Maude Louise.....	Selma, Alabama
Flowers, Minnie Lee.....	Troy, Alabama
*Fitzpatrick, Pearl.....	Fort Davis, Alabama
Fortune, Annie Lee.....	Smoots, Alabama
Fowler, Lester L.....	Greenville, Mississippi
Fox, Melvin Calvin.....	Richmond, Virginia
*Foy, Lilla Belle.....	Hardaway, Alabama
Foy, Samuel D.....	Hardaway, Alabama
Freeman, Rebecca A.....	Uniontown, Alabama
Garner, Bernice Juanita.....	Tuskegee Institute, Alabama
Garrett, Grant.....	Tenaha, Texas
Gibson, Eva L.....	Milledgeville, Georgia
Gibson, Marietta Allegro.....	Tuskegee Institute, Alabama
Gibson, Vollie E.....	Marlin, Texas
Golden, James Richard.....	Richmond, Virginia
Goins, Emily Lucile.....	Tuscaloosa, Alabama
Graham, Lucy.....	Thomasville, Georgia
Gray, Leila Belle.....	Birmingham, Alabama
Greene, Jessie Loraine.....	Jasper, Alabama
Green, Taz Ellen.....	Memphis, Tennessee
Griffith, Susie Belle.....	Knights Town, Indiana
Griswold, John Wesley.....	Macon, Georgia
Haggins Iwilda.....	Tuskegee, Alabama
Handy, William Tolbert.....	Hazlehurst, Mississippi
*Hannon, Georgia Mae.....	Montgomery, Alabama
Hardy, Thomas Henry.....	Forth Worth, Texas
Harper, Phala.....	Tuskegee, Alabama
Harris, Henry Bradford.....	Birmingham, Alabama
Harris, Lafayette.....	Columbus, Georgia
Hart, Mozelle.....	Montgomery, Alabama
Hatcher, Lizzie.....	Tuskegee Institute, Alabama
Haywood, Lawrence.....	Augusta, Georgia
Head, Inez.....	Notasulga, Alabama
Henderson, Amos.....	Ramer, Alabama
Henry, Nancy Willie Belle.....	Pensacola, Florida
Herring, Asa Dancy.....	Clinton, North Carolina

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\*Part of Term.



Hickman, Robinson Mikey.....	Sapulpa, Oklahoma
Hiram, Frank Kerrisa.....	Jimina Nonno, Abyssinia, East Africa
Hogans, Harold.....	El Reno, Oklahoma
Holliday, Joseph.....	Lake Providence, Louisiana
*Holt, Dixie Leila.....	Union Springs, Alabama
Houser, Eula Vivian.....	Autaugaville, Alabama
Houser, Everett Lewis.....	Autaugaville, Alabama
Houze, Luthaniel.....	Marion, Alabama
Howard, Daisy.....	Tuskegee, Alabama
Howard, Martha.....	Tuskegee, Alabama
Howard, Vivian St. Clair.....	Charleston, South Carolina
Huggins, Thomas Glenn.....	Tuskegee, Alabama
Humbert, Bessie.....	Honeapath, South Carolina
*Ingraham, Clanton.....	Evergreen, Alabama
Irwin, Gilmer Virginia.....	Evergreen, Alabama
*Jackson, Fred Douglass.....	Quinton, Alabama
Jackson, Flemming.....	Shadydale, Georgia
Jackson, Hobart.....	Montgomery, Alabama
Jackson, Katie.....	Hamilton, Georgia
Jackson, Solomon Amaziak.....	Atlanta, Georgia
Jefferson, Lucy DeLores.....	Evergreen, Alabama
Jiminez, Jose.....	Panama City, Panama
Johnson, Altha Mae.....	Harrisburg, Illinois
Johnson, Albert Milton.....	Columbus, Texas
*Johnson, Beatrice Josephine.....	Galveston, Texas
Johnson, Julia.....	Panama City, Florida
Johnston, James Armstrong.....	Columbus, Mississippi
Jones, Clinton.....	Bremen, Georgia
Jones, Newton McRoy.....	Auburn, Alabama
Jones, William May.....	Matthew, Alabama
Langum, Virgil... ..	Little Rock, Arkansas
Latimer, Clinton.....	Anderson, South Carolina
Latimer, Major Sylvester.....	Anderson, South Carolina
Lee, Lucy.....	Galveston, Texas
Lee, Walter.....	Edwards, Mississippi
Lennon, Wilhelmina.....	Ansonia, Connecticut
Lewis, Clarence Eugene.....	Humbert, Tennessee
Ligon, Annie Eliza.....	Tuskegee, Alabama
Lockett, Leila.....	Cuero, Texas
Lofton, Tatnall Marion.....	Milledgeville, Georgia
Logan, Louise Thrasher.....	Tuskegee Institute, Alabama
Low, Lloyd.....	Mt. Pleasant, Tennessee
Lucas, Mader.....	Lakewood, Florida

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\*Part of Term.

Mahamery, Rosa Lee.....	Dora, Alabama
Mahamery, Cherry Lee.....	Dora, Alabama
Mahone, Carry Dell.....	Gabbett, Alabama
Maynard, James A.....	Summerville, South Carolina
McArver, Janie Lee.....	Rome, Georgia
McField, Otis.....	Roatan, Spanish Honduras, Central America
McGhee, William Thomas.....	Franklinton, Louisiana
McGowan, James.....	Eufaula, Alabama
McGriff, Ernest.....	Beachton, Georgia
McMurray, Odie.....	Marion, Alabama
*Mims, Reuben Romulus.....	Atlanta, Georgia
Mitchell, Edwin Cecil.....	Columbus, Georgia
Moore, Alfred G.....	Rock Island, Illinois
Moore, Fred Alphonso.....	Ortega, Florida
Mosley, Thomas Earl.....	Pensacola, Florida
Motley, Jimmie Elizabeth.....	Tuskegee, Alabama
Nabors, William Durward.....	Columbus, Mississippi
Nelson, Frank.....	Chappels, South Carolina
Nevels, Albert.....	Baton Rouge, Louisiana
Nichols, Emmeline.....	Hillman, Arkansas
Norris, Frankie May.....	Montgomery, Alabama
Outten, Ernesto.....	Bocas del Toro, Panama
*Parlan, Mabel.....	Brunswick, Georgia
Patterson, Perrie Edna.....	Huntsville, Alabama
Patterson, Samuel Alexander.....	Huntsville, Alabama
Pearsall, Dorothy.....	Tuskegee, Alabama
Pearsall, Erma.....	Tuskegee, Alabama
*Perdue, Arizona.....	Gordonsville, Alabama
Perry, Katie.....	Tuskegee, Alabama
Phillip, Ernest Zachery.....	Tuskegee, Alabama
Phillips, Wm. McKinley.....	Tuskegee, Alabama
Pickett, Jeffries Leroy.....	Uniontown, Alabama
*Porter, Woodie Calvin.....	Muskogee, Oklahoma
Powell, Kenneth, Thomas.....	Miskawaka, Indiana
Price, Ollie May.....	Columbus, Mississippi
Price, Ulysses Simpson.....	Buxton, Iowa
Quinn, David Piedmont.....	Atlanta, Georgia
*Reid, Jesse James.....	Laurel, Mississippi
Reid, Katie Pearl.....	Macon, Georgia
Reeder, Theotto.....	Henderson, Kentucky
Reid, Ollie May.....	Macon, Georgia
Rhemes, William.....	Troup, Texas
Richardson, Charles Lewis.....	Selma, Alabama

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\*Part of Term.

Richardson, Thomas.....	Delhi, Louisiana
Rice, Verna Leila.....	Port Arthur, Texas
*Rogers Anthony.....	Plains, Georgia
Rogers, Lonnie Lester.....	Waycross, Georgia
Rogers, Wiley.....	Dallas, Texas
Rolly, James.....	Shewneeton, Illinois
Saunders, Mary Ella.....	Montgomery, Alabama
Scott, Emily Mae.....	Gallion, Alabama
Scretchings, Cleo Driscoll.....	Atlanta, Georgia
Sheely, Theodore Sloan.....	Atlanta, Georgia
Skerman, George Washington.....	Pensacola, Florida
Sheppard, Booker Washington.....	Montgomery, Alabama
Simmons, Gaynell Augusta.....	Montgomery, Alabama
Simons, Jacob.....	Haskell, Oklahoma
Simms, Arthur.....	Humboldt, Tennessee
Simpson, Dollie Mae.....	Tuskegee, Alabama
Simpson, Mayme.....	Notasulga, Alabama
Sires, Manuel.....	Havana, Cuba
Smith, Elijah Joseph.....	Abbeville, Louisiana
Smith, Robert Thomas.....	Atlanta, Georgia
Smith, Tony Adam.....	Galveston, Texas
Smith, Verdell.....	Tuskegee, Alabama
Snow, Julius Ceasar.....	Montgomery, Alabama
Stepney, Lucile.....	Columbus, Mississippi
*Steppe, Thomas.....	Columbus, Mississippi
Stevens, Dorcas Naomi.....	Tuskegee, Alabama
Stevens, Florida.....	Troy, Alabama
*Stevens, James Edward.....	Tuskegee, Alabama
Stovall, Julia Annie.....	Seale, Alabama
Summers, Malachi.....	Opelika, Alabama
Swinnie, Fannie.....	Tuskegee, Alabama
Syphax, Lydia.....	Yazoo City, Mississippi
Tarver, Eufaula.....	Midway, Alabama
Taylor, Anthony Pendleton.....	Jackson, Mississippi
Thomas, Ethel Louise.....	Montgomery, Alabama
Thompson, Solomon A.....	Thompson Town, Jamaica
	British West Indies
Thweatt, Cecile.....	Paris, Texas
Thurston, Robert Turner.....	Russellville, Alabama
Tucker, Emma Beatrice.....	Yazoo City, Mississippi
Tyndall, Henry, Jr.....	Old Harbor, Jamaica, British West Indies
Upshaw, Napoleon Alexander.....	Nashville, Tennessee

Walker, Joseph Edward.....	Mound Bayou, Mississippi
Watkins, Cecelia Maude.....	Tuskegee Institute, Alabama
Wallace, Priscilla.....	Pope, Mississippi
*Ward, Benjamin H.....	Tuscaloosa, Alabama
Ward, Leonard George.....	Demopolis, Alabama
Washington, Hilliard Lee.....	Jackson, Mississippi
Washington, Laura.....	Blackshear, Alabama
Washington, Johngelelene.....	Purvis, Alabama
Watts, John Lee.....	Floral, Alabama
Weaver, Leo Martin.....	Birmingham, Alabama
Webb, George.....	Corydon, Kentucky
*Webb, Joseph.....	Loachapoka, Alabama
Welch, Wilhelmina.....	Tuskegee, Alabama
Wellington, Benjamin Floyd.....	Buxton, Iowa
West, George Taylor.....	Hensley, Arkansas
Westbrook, Matilda.....	Benson, Alabama
White, John Wesley.....	Homer, Louisiana
*White, Lillian.....	Mobile, Alabama
Whitlow, Sallie.....	Tuskegee Institute, Alabama
Whittaker, Phoebe Hines.....	Tuskegee Institute, Alabama
Williams, Albert Harrison.....	Atlanta, Georgia
Williams, Annie Louise.....	Tallassee, Alabama
Williams, Robert Wesley.....	Milford, Connecticut
Wilson, Callie Gertrude.....	Tuskegee, Alabama
Wofford, Cleopatra Zillia.....	Muskogee, Oklahoma
Wright, Annie Lizzie.....	Hollins, Alabama
Wright, Ruth Evangeline.....	Tuskegee Institute, Alabama
Young, John William.....	Demopolis, Alabama

### A PREPARATORY CLASS

Adair, Fredda.....	Tuskegee, Alabama
Adams, John Embry.....	Columbus, Georgia
Alfred, Georgia.....	Expose, Mississippi
Alexander, Eliza Amanda.....	Durant, Mississippi
Allen, Luella.....	Birmingham, Alabama
Alston, Alberta.....	Hattiesburg, Mississippi
Alves, Orlando.....	Rio de Janeiro, Brazil, South America
Anderson, John Wallace.....	Youkon, Florida
Armstrong, Sirweather.....	Asheville, North Carolina
Askew, Charles Frederick.....	Eufaula, Alabama
Auzenne, Gustave.....	Opelousas, Louisiana
Bailey, Tarsborn.....	Durham, North Carolina
Baker, Virginia Hampton.....	Tuskegee, Alabama

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\*Part of Term.



Barksdale, James Irwin.....	Spartanburg, South Carolina
*Bains, Shed Hill.....	Kilmichael, Mississippi
Beavers, George Washington.....	Anniston, Alabama
Benson, Eliza Jane.....	Anderson, South Carolina
Billingsley, Catherine.....	Birmingham, Alabama
Bishop, Iva Zader.....	Harrisburg, Illinois
Black, Lonnie.....	Waverly Hall, Georgia
Blakey, Frank R.....	Tuskegee, Alabama
*Bobo, Viola.....	Holy Grove, Arkansas
Boles, Robert, Jr.....	Oxford, Mississippi
Boroughs, William Lorenzo.....	Thomasville, Alabama
Brawley, Ernest Moultrie.....	Durham, North Carolina
Breaux, Lewis.....	Ensley, Alabama
Broadnax, Margaret.....	Tuskegee, Alabama
Brown, Arthur Lee.....	Eufaula, Alabama
Brown, Floyd.....	Mound Bayou, Mississippi
Brown, Kennedy.....	Spartanburg, South Carolina
Brown, Leroy.....	Minter, Alabama
Brown, Timothy.....	Charleston, South Carolina
Brown, William E.....	Spartanburg, South Carolina
Brown, William Wilson.....	Mobile, Alabama
Bruce, Royston.....	Little Rock, Arkansas
Buchanan, Jessie Annie.....	Warrior Stand, Alabama
Burney, Robert.....	Tallassee, Alabama
Burns, Leon Annie.....	Anniston, Alabama
Burt, Walter Robert.....	Munford, Alabama
Butler, Lorance.....	Anderson, South Carolina
Caffey, Abraham D., Jr.....	Montgomery, Alabama
Caldwell, Hattie Belle.....	Calhoun, Alabama
Cannon, David.....	Camden, Alabama
*Carter, Everett Ernest.....	Petersburg, Indiana
Carr, Rosa May.....	Lowndesboro, Alabama
Carter, Merideth Elizabeth.....	Glade Springs, Virginia
Chappell, Samuel.....	Fort Davis, Alabama
Chiles, Salathiel.....	St. Augustine, Florida
Chipuli, Ramon Hernandez.....	Havana, Cuba
Clark, Charley May.....	Atlanta, Georgia
Clemmons, Sevar B.....	Montgomery, Alabama
Clifton, Walter Washington.....	Bremond, Texas
Colbert, Adeline.....	Torrance, Mississippi
Cole, Mabel.....	Milstead, Alabama
Collins, Bessie Foster.....	New Orleans, Louisiana
Collins, Columbus.....	Crosby, Alabama
Colvin, Woodie.....	Eutaw, Alabama

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\*Part of Term.

Cooper, Mittie.....	Gabbett, Alabama
Cowan, Bessie.....	Greenville, South Carolina
Cowan, Lela Mamie <b>Magnolia</b> .....	Anderson, South Carolina
Crayton, Leroy.....	Johns, Alabama
Curgil, Cornelia.....	Montezuma, Georgia
Dancer, Henry.....	Shuqualak, Mississippi
Davis, Ollie.....	Anderson, South Carolina
Dean, Leila.....	Montezuma, Georgia
*DeLyle, William.....	Cape Girardeau, Missouri
Dowdell, William B.....	Americus, Georgia
Drake, William, Jr.....	Auburn, Alabama
Dumas, Hattie.....	Tuskegee, Alabama
Donnigan, Andy.....	Clanton, Alabama
Ellington, Mabel.....	Tuskegee, Alabama
Ellington, Henry Carlton.....	Memphis, Tennessee
Floyd, Edith May.....	Mineola, Long Island, New York
Floyd, Estella Iola.....	Lumberton, North Carolina
Ford, Annie Laurie.....	Tuskegee, Alabama
Ford, Charles Henry.....	Taft, Oklahoma
Foster, Estelle.....	Ralph, Alabama
Frazier, George Alfred.....	Gulfport, Mississippi
*Fuller, John E.....	Holly, Louisiana
Fuller, Ouida Blanche.....	Van Buren, Arkansas
Gaines, Annie.....	Jasper, Alabama
Garner, Mitchell Dorsey.....	Montgomery, Alabama
Gatewood, Annie.....	Columbus, Georgia
Gaunt, Lola Larence.....	East Tallassee, Alabama
*Gibbs, Mary Emma.....	Shorters, Alabama
Goodwin, Corleve Ellen.....	Montgomery, Alabama
Grant, Mamie Davis.....	Wilmington, North Carolina
Graves, Robert Lewis.....	Chatham, Virginia
Gray, Ella Josie.....	Florence, Alabama
Greene, George Morgan.....	Birmingham, Alabama
Greenwade, Elnora.....	Lafayette, Kentucky
Hall, Fannie E.....	Cubahatchie, Alabama
Harbin, Dollie.....	Lismon, Alabama
Hardman, William.....	Lockhart, Alabama
*Hargrove, Lucy May.....	Tuscaloosa, Alabama
Harris, William.....	Decatur, Alabama
Hart, Merceil.....	Muskogee, Oklahoma
Hartman, Jay Gould.....	Mount Willing, Alabama
Hatcher, Edward.....	Louise, Mississippi
*Hernandez, Joaquin.....	Santiago, Santo Domingo
Herron, James Alexander.....	Camp Hill, Alabama

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\*Part of Term.

Hickman, Magnolia Mikey.....	Sapulpa, Oklahoma
Hicks, Mary Lou.....	Memphis, Tennessee
Hill, John Allen.....	Beggs, Oklahoma
Hilliard, David Henry.....	Dallas, Texas
*Hines, Edward.....	Glenn, Georgia
Hogan, Hewitt Thomas.....	Houston, Texas
Howard, Cleora Elizabeth.....	Wilson, North Carolina
Howard, Jasper P.....	Americus, Georgia
Howard, Matthew.....	Crockett, Texas
Hudson, George D.....	Warrenton, Georgia
Ingersoll, Theodore.....	Columbus, Georgia
Irving, Emmeline.....	Spring Seaforth, Jamaica, British West Indies
Ivy, Leonard.....	Union Springs, Alabama
Jackson, James Elijah.....	Marks, Mississippi
Jarrels, Martin.....	White Plains, Georgia
Jefferson, Arthur Booker.....	Boynton, Oklahoma
Johnson, Callie Donia.....	Prattville, Alabama
*Johnson, Charles James.....	West Point, Georgia
Johnson, Jay B.....	Macon, Georgia
Johnson, Richard Howard.....	Brunswick, Georgia
Jones, Amanda.....	Faunsdale, Alabama
*Jones, Annie Bell.....	Little Rock, Arkansas
Jones, Charles Arnett.....	Vicksburg, Mississippi
Jones, David.....	Winchester, Arkansas
Jones, Joseph Frank.....	Savannah, Georgia
Jones, Marion Eugene.....	Mobile, Alabama
Judkins, Robert Chatman.....	Mitchell Station, Alabama
Kelley, Elijah.....	Girard, Georgia
Kelley, Henry.....	Belen, Mississippi
Kelley, Mary Etta.....	Belen, Mississippi
Kennibrew, Louise Elizabeth.....	Tuskegee, Alabama
King, Charles.....	Beggs, Oklahoma
King, Dora.....	Anniston, Alabama
Lang, Lillie.....	Tuscaloosa, Alabama
Lassiter, Daisy.....	Lavaca, Alabama
*Latimer, Alice Arthur.....	Anderson, South Carolina
Lee, Dovie.....	New Brockton, Alabama
Leggett, Joseph.....	Purvis, Mississippi
Lenoir, Charles.....	Enon, Mississippi
Lester, William Clarence.....	Birmingham, Alabama
Lett, James Henry.....	New Orleans, Louisiana
Lewis, Hezekiah.....	Lisman, Alabama
Ligon, Maggie Belle.....	Loachapoka, Alabama
*Linear, Sallie.....	Loachapoka, Alabama

\*Part of Term.

Littman, Alfred.....	Antanambo, Madagascar
Lowe, Lena.....	Waverly Hall, Georgia
Lucas, Thomas James.....	Republic, Alabama
Mackey, Harvey.....	Elsimore, California
Malloy, Lorenzo Dow.....	Cotton Plant, Arkansas
Marion, Clyde Vincent.....	Columbus, Georgia
McCray, Mattie Mae.....	Tuskegee, Alabama
McDaniels, Roy.....	Coy, Arkansas
McDavid, Edna.....	McLeod, Mississippi
McClain, Maude.....	Africa, Mississippi
McLester, Charles.....	Bethune, South Carolina
McWhorter, Annie Mae.....	Shorters, Alabama
*Mendengall, Simuel.....	Notasulga, Alabama
Miller, Jasper Austin.....	Clarksville, Mississippi
Mitchell, James Timothy.....	Thomaston, Alabama
Moore, Candus.....	Little Rock, Arkansas
Moore, John Cleveland.....	Loreto, Florida
Moore, Marion.....	Tuskegee, Alabama
Moore, Rosa Mae.....	Gabbett, Alabama
Morell, Viterbo.....	Santiago, Santo Domingo
Oates, John William.....	Memphis, Tennessee
Ollison, Synetta Juanita.....	Selma, Alabama
O'Neal, Henry.....	Dalton, Georgia
Parker, John William L.....	Montgomery, Alabama
Parker, John Walter.....	Hartford, Alabama
Patterson, Estelle.....	Huntsville, Alabama
*Patterson, Zella.....	Clinton, Illinois
Patton, Lucius.....	Montgomery, Alabama
Peeler, Wilbur Steele.....	Greensboro, North Carolina
Phillips, Chester Edward.....	Marion, Alabama
Pickett, Evelyn Augusta.....	Union Springs, Alabama
Pinkston, Ernest.....	Norris, Mississippi
Plowman, Edward Hosman.....	Covington, Louisiana
Polite, Machelis Raphael.....	Brunswick, Georgia
Poole, Joshua.....	Roanoke, Alabama
Porter, Halliot.....	Marshall, Texas
Postoak, Bettie.....	Beggs, Oklahoma
Powell, Robinson.....	Albany, Georgia
Pulliam, Ira Sidney.....	Talladega, Alabama
Rayford, Mary Anna.....	Atlanta, Georgia
Reynolds, Henry Golden.....	Baconton, Georgia
Roberts, Annie Terries.....	Sandersville, Georgia
Robinson, Geneva.....	Batchelor, Louisiana

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\*Part of Term.



Robinson, Sarah Louise.....	Shorters, Alabama
Roundtree, Void.....	Egypt, Georgia
Royal, Myra.....	Cottage Grove, Alabama
Rush, Idella.....	Cairo, Georgia
Salmond, Nellie.....	Sunflower, Mississippi
Scott, Ernest.....	Griffin, Georgia
Scott, John.....	Houston, Texas
*Scott, Mittie May.....	Notasulga, Alabama
Seals, William Edmund.....	Glade Springs, Virginia
Showalter, Addie Mae.....	Uniontown, Alabama
*Simmons, James Leonard.....	James, Alabama
Simmons, Larvie.....	Troy, Alabama
Singfield, Waldorf.....	Little Rock, Arkansas
Smith, Annie Laurie.....	Lafayette, Alabama
Smith, Carrie Lou.....	Tuskegee, Alabama
Smith, Euclid Benjamin.....	Bookman, Arkansas
Sandlo, Robinson.....	Engcobo, Tembuland, Union of S. Africa
Soulds, Corean Elizabeth.....	Helena, Montana
Stafford, Edna Grace.....	Sandersville, Georgia
Stalworth, David Lee.....	Gordonsville, Alabama
Stephens, James Henry.....	Girard, Alabama
Sullins, Ardella.....	Prattville, Alabama
Talley, Vessie Olivia.....	Auburn, Alabama
Taylor, Thomas Hewlett.....	Raymer, Alabama
Terrell, Wanza Warrick.....	Tuskegee Institute, Alabama
Thomas, Wesley Marion.....	Cusseta, Georgia
Thompson, Maxie Bernice.....	Laurel, Mississippi
Townsell, Nolden.....	Waco, Texas
Trotter, Isoline.....	Shady Grove, Alabama
Tucker, Henry.....	Newberry, South Carolina
Turner, Ira Brown.....	Chicago, Illinois
Turner, James Robert.....	Lowndesboro, Alabama
Tyner, Carrie.....	Auburn, Alabama
Vaughn, Rosebud.....	Fort Davis, Alabama
Walder, Lee Ernest.....	Dublin, Georgia
Walkers, Stella Vandelia.....	Taft, Oklahoma
Ward, Wingfield.....	Atlanta, Georgia
Warren, Mary Magdalena.....	Eufaula, Alabama
Washington, Annie.....	Tuskegee, Alabama
Washington, Sallie Bertha.....	Blakley, Georgia
Washington, William Garud.....	Savannah, Georgia
Watkins, Lizzie Ella.....	Tuskegee, Alabama
Watkins, Nathaniel.....	Centerville, Alabama

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\*Part of Term.

Watts, Leona.....	Montgomery, Alabama
Webb, Harold.....	East Tallassee, Alabama
Webb, Harvey.....	Loachapoka, Alabama
Wesley, William Tero.....	Woodland, Louisiana
*White, Lewis.....	Lake Forest, Illinois
Whittington, Ezra.....	Jackson, Mississippi
Wiley, George Howard.....	Herndon, Kentucky
Williams, Ethel Lebert.....	Tuskegee, Alabama
Williams, Delphine Peek.....	Greensboro, Alabama
Williams, Jesse.....	Birmingham, Alabama
Williams, Thomas.....	Wilmer, Alabama
Williams, Willie Blanche.....	East Tallassee, Alabama
*Willis, Edgar Lee.....	Anniston, Alabama
Wilson, Carter Beverly.....	Strudwick, Alabama
Winston, Eugenia Aislee.....	Tuscaloosa, Alabama
Woods, Ruby Louise.....	Gadsden, Alabama
Young, Birdie Lee.....	Greenville, Mississippi

## B PREPARATORY CLASS

Abernathy, William Theodore.....	Leighton, Alabama
Adams, Callie Mae.....	Bessemer, Alabama
Adams, Garfield.....	Beggs, Oklahoma
Agnew, Emery.....	Cedarville, Alabama
Alfred, Timothy.....	Expose, Mississippi
Allen, Caudie.....	Camp Hill, Alabama
Allen, Willie Mae.....	Luverne, Alabama
*Alston, Nicholas William.....	Boynton, Oklahoma
Anderson, Cornelius.....	Daytona, Florida
Armstrong, Eugene.....	Shellmah, Georgia
Askew, Frank.....	West Point, Georgia
Askew, Hugh Lee.....	Leland, Mississippi
Austin, Henry.....	Chicago, Illinois
Baker, Plassie.....	Alexandria, Louisiana
*Barnett, Gilbert.....	Duquoin, Illinois
Batchelor, Robert Benjamin.....	Muskogee, Oklahoma
Battle, James Davis.....	Harrison, Georgia
Beal, Henry.....	Bessemer, Alabama
Bevard, William Fred.....	Montgomery, Alabama
*Birdsong, Waymond.....	Abbotsford, Georgia
Blythe, Larkin.....	Richmond, Kentucky
Boswell, Jennie.....	Inverness, Alabama
*Bowe, Ulysses.....	Titus, Alabama
Bowie, Frank.....	Talladega, Alabama

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\*Part of Term.

Braxton, Mabel.....	Fitzpatrick, Alabama
Brown, Junior.....	Eufaula, Alabama
Broyles, Laura Ewing.....	Muldon, Mississippi
Bryant, Minnie Pearl.....	Daleville, Alabama
*Buford, Omar.....	Langston, Oklahoma
*Bunley, Chistopher Columbus.....	Vicksburg, Mississippi
Burney, Hattie Mae.....	East Tallassee, Alabama
*Burton, Mamie.....	Anniston, Alabama
Caffee, Jay D.....	Cottage Grove, Alabama
*Cairo, Louis.....	Sierra Morena, Cuba
Calloway, James Henry.....	Greensboro, Alabama
Campbell, Andrew David.....	Carriere, Mississippi
*Campbell, Osie Lee.....	Abbeville, Georgia
Carlis, Martha.....	East Tallassee, Alabama
Carlis, Mary.....	East Tallassee, Alabama
*Chambers, McDuffie.....	Snowden, Alabama
Champa, Angela.....	Colon, Panama
Clayborne, David.....	Ansonia, Connecticut
Clayton, Raymond William McKinley.....	Sapulpa, Oklahoma
Clemons, Hattie May.....	Hogansville, Georgia
Cobb, Esker.....	Andalusia, Alabama
Coleman, Prince.....	Okmulgee, Oklahoma
Collins, Percy.....	Kansas City, Missouri
Coombs, Otis Francis.....	Lake City, Florida
*Cox, James Nathan.....	Notasulga, Alabama
Crocker, John Wesley.....	Richmond, Virginia
Crowell, Rosa Lee.....	Shorters, Alabama
Cummings, Eulus Leroy.....	Agricola, Georgia
Curgil, Ella McCoy.....	Montezuma, Georgia
*Curtis, James.....	Shady Grove, Alabama
Daniels, Clara Victoria.....	Milledgeville, Georgia
Daniels, Oliver.....	Palestine, Texas
Darthard, Nellie Belle.....	Anniston, Alabama
Davis, Eugene Thomas.....	Newton, Georgia
Dawson, Verna Lee.....	Genoa, Florida
Dawson, William L.....	Anderson, Alabama
Day, Mary Eliza.....	Sayre, Alabama
Dillons, Zeal.....	Baton Rouge, Louisiana
Dix, George Murry.....	Maysville, South Carolina
*Donner, Nettie.....	Warrior Stand, Alabama
Drake, Thomas.....	Auburn, Alabama
Drewry, Prince.....	Montgomery, Alabama
Drewery, Thomas.....	Eufaula, Alabama
Dumas, Carrie Lee.....	Auburn, Alabama

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\*Part of Term.

Eckford, Frank.....	San Antonio, Texas
Evans, Jefferson Davis.....	Newbern, Alabama
Fernandez, Ernesto.....	Panama City, Panama
Fisher, Mary Jane.....	Luverne, Alabama
Fletcher, Rosa Lee.....	Meadow, Virginia
Ford, Robert Blackman.....	Tuskegee, Alabama
Ford, Susie Anna.....	Tuskegee, Alabama
Gardner, Edward.....	Seattle, Washington
Gray, Robert Lewis.....	Memphis, Tennessee
Gibson, Eldridge.....	Milledgeville, Georgia
Gibson, Gladys.....	Tuskegee, Alabama
Gibson, Salado.....	Dothan, Alabama
Giles, Philip.....	Montgomery, Alabama
Goode, LeBaron Fernandez.....	Mobile, Alabama
Gooden, Henry Bartow.....	Mumford, Alabama
Goodwin, Inez.....	Union Springs, Alabama
Goodwin, Ruth.....	Union Springs, Alabama
Gray, Eartha.....	Gainesville, Alabama
Gray, Ira.....	Bremond, Texas
Grier, William David.....	Humboldt, Tennessee
*Hairston, Jenetta.....	Memphis, Tennessee
*Hamilton, Lucy Rudolph.....	Montgomery, Alabama
Handy, Samuel.....	Beggs, Oklahoma
Hargrove, Israel.....	Tuscaloosa, Alabama
*Harper, Daniel Christopher.....	Cataula, Georgia
Harper, Frederick.....	Ennis, Texas
Harrington, Lewya.....	Merigold, Mississippi
Harris, Mozelle.....	Armstrong, Alabama
Harrison, Benjamin Franklin.....	Chancellor, Alabama
Harrison, Florida Kate.....	Gilberton, Alabama
*Hartman, Jack Collins.....	Mount Willing, Alabama
Heard, Cleveland.....	Camp Hill, Alabama
Hernandez, Rafael.....	Santiago, Santo Domingo
Hicks, Frank.....	Anderson, South Carolina
Hines, Andrew Wesley.....	Kerens, Texas
Hogans, Lavalia.....	Dublin, Georgia
Hollingsworth, Ivanhoe.....	Bocas Del Toro, Panama
Holmes, Benjamin.....	Henryetta, Oklahoma
Houze, Mary Lizzie.....	Marion, Alabama
Howard, Naomi.....	Tuskegee, Alabama
Howard, Ruth.....	Tuskegee, Alabama
Howell, Maude.....	Anniston, Alabama
Hueston, Elizabeth.....	Los Angeles, California
Hughes, Culver William.....	Morganfield, Kentucky

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\*Part of Term.



Ivory, Jailius.....	Union Springs, Alabama
Jacquin, Nicholas John.....	Bocas del Toro, Panama
Jefferson, Sylvester.....	Savannah, Georgia
Jefferson, Thomas.....	Savannah, Georgia
Johnson, Anderson Junior.....	Birmingham, Alabama
Johnson, Eray.....	Panama City, Florida
Johnson, Julia Alberta.....	Vicks, Arkansas
Johnson, Moses.....	Curry, Alabama
Johnson, Willie Leola.....	Tuskegee, Alabama
Jolly, Mamie.....	Gainesville, Alabama
Jones, Douglass James.....	Vicksburg, Mississippi
Jones, Fannie Gordon.....	Birmingham, Alabama
Jones, Lula Mae.....	Jasper, Alabama
Joyner, Horace.....	Gainesville, Florida
*Lambert, Aberdeen Webster.....	Americus, Georgia
Leadford, Mary Elizabeth.....	Talladega, Alabama
Lee, Mollie.....	Haskell, Oklahoma
Lee, Amos.....	Muskogee, Oklahoma
Leggett, Annie Mae.....	Louise, Louisiana
Lewis, William Easley.....	Kokomo, Mississippi
Ligon, Celia Alice.....	Auburn, Alabama
Loman, Lawrence Dunbar.....	Beggs, Oklahoma
Lowe, Theodore.....	Lake City, Florida
Lovette, Tilden Armstead.....	Clinton, Mississippi
Lucas, Bettie Elizabeth.....	Republic, Alabama
Mack, Isaac.....	Edwards, Mississippi
Madison, Clarence Milton.....	Dublin, Georgia
Mallory, Jesse.....	Araba, Georgia
Morse, Ordie.....	Laurel, Mississippi
Mason, Isaiah.....	Tuskegee, Alabama
Mason, Laura.....	Lakewood, Florida
Mawalile, Ponnett.....	St. Columbus Mission, Bulawayo, Metabele Land, South Africa
McCaster, Willie Lee.....	Shorters, Alabama
McClain, Jessie.....	Africa, Mississippi
McDowell, George Washington.....	Greensboro, Alabama
McGowan, Alcester.....	Inverness, Alabama
*McKinney, Robert Vassar.....	Detroit, Michigan
Meadows, McCain.....	Lowndesboro, Alabama
*Menafee, James Lee.....	Tuskegee, Alabama
Miles, Emma.....	Montgomery, Alabama
Miller, James Mack.....	Columbus, Mississippi
Minyard, Arnett.....	Vaughn, Mississippi
*Mitchell, Ethel.....	Lafayette, Alabama
Montgomery, James.....	Rockwood, Tennessee

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\*Part of Term.

Moore, Lewis Cromwell.....	Plummerville, Arkansas
Netherley, Sullivan.....	Lauderdale, Mississippi
Nichols, Solomon.....	Hilleman, Arkansas
*Nixon, Eleanor Beatrice.....	Tuscaloosa, Alabama
Norfles, Nathaniel.....	Port Allen, Louisiana
Norris, Monroe.....	Tyler, Texas
Outten, Edmondo Carmelo.....	Bocas del Toro, Panama
Pace, Annie Belle.....	Warrior Stand, Alabama
Pace, Jessie Lee.....	Warrior Stand, Alabama
Parker, Charles.....	Mitchell Station, Alabama
Parker, Eugene.....	Greensboro, Alabama
Parris, Robert Alexander.....	Scott, Mississippi
*Patterson, Rosa Lee.....	Tuskegee, Alabama
Phillips, William.....	Opelika, Alabama
Pickett, Bertha Leon.....	Union Springs, Alabama
Powell, St. Mark.....	Mississippi City, Mississippi
Presley, Pearl Virginia.....	East Tallassee, Alabama
Ramirez, Rafael.....	Panama City, Panama
Ray, Carrie.....	Milstead, Alabama
Rengifo, Eduardo.....	Panama City, Panama
Rivers, Cleopatra.....	Helena, Georgia
Robinson, Bernard Atticus.....	Montgomery, Alabama
Rodriguez, Francisco Antonio.....	Santiago, Santo Domingo
Rose, David.....	Tysonville, Alabama
Rosser, Mattie.....	Roanoke, Alabama
Russell, Joshua.....	Mobile, Alabama
*Salmon, Ellen Mary.....	Cannonville, Georgia
Samples, Galileo.....	Anderson, South Carolina
Shaw, James.....	Leigh, Texas
Simmons, Eugene.....	Boynton, Oklahoma
Simmons, Ezell.....	Birmingham, Alabama
Simmons, John Williams.....	Haskell, Oklahoma
Simmons, Mattie.....	Wetumpka, Alabama
Simms, Harvey.....	Elberton, Georgia
Simpson, Rosa.....	Philadelphia, Pennsylvania
Smith, Edward Griffin.....	Montgomery, Alabama
Smith, George Daniel.....	Savannah, Georgia
Smith, Lovejoy.....	Newville, Alabama
Smith, Luther.....	Laurel, Mississippi
*Sotolongo, Pedro.....	Havana, Cuba
Spears, Morgan Douglass.....	Pensacola, Florida
Starks, Mary.....	Chattanooga, Tennessee
Stephens, Herbert.....	Columbus, Georgia
Stewart, Addie May.....	East Tallassee, Alabama

\*Part of Term.

Stinson, Mattie.....	Molina, Georgia
Storey, Gertha.....	Milstead, Alabama
*Styles, Vassie Lee.....	Douglassville, Georgia
Sucre, Carlos.....	Aquadulce, Panama, South America
Sullivan, Hurbert Sanders.....	Marion, Alabama
Taylor, Alonzo.....	Andalusia, Alabama
Taylor, Robert Ellis.....	Los Angeles, California
Terrell, Mamie.....	Milstead, Alabama
Thompson, Margaret.....	Laurel, Mississippi
Tompkins, Clem Franklin.....	Fitzpatrick, Alabama
Trammell, Bishop Andrews.....	Ragland, Alabama
Trotter, Minnie A.....	Washington, District of Columbia
Walker, Bessie.....	Uniontown, Alabama
Ware, Hamilton.....	Haskell, Oklahoma
Watkins, Thomas.....	Birmingham, Alabama
Wattleton, Nellie May.....	Hobson City, Alabama
West, Etra May.....	Hamilton, Tennessee
Whisenant, Horace.....	Talladega, Alabama
Wiggington, Alfred Harry.....	Louisville, Kentucky
Williams, Arthur Clyde.....	Tallassee, Alabama
Williams, Harry.....	Americus, Georgia
Williams, James.....	Milstead, Alabama
Williams, John.....	Mitchell Station, Alabama
Wilson, Lovey Odell.....	Tuskegee, Alabama
Wilson, Elwood.....	San Antonio, Texas
Wilson, Herman Lee.....	Decatur, Alabama
Wright, Eva Mae.....	Montgomery, Alabama
Wynn, Leroy.....	Birmingham, Alabama
Yarbrough, Bernice.....	Acmar, Alabama
Young, Harry Keys.....	Birmingham, Alabama
*Young, John.....	Tuskegee, Alabama
Young, John Wardell.....	St. Louis, Missouri
Younger, Cleveland.....	Cynthia, Mississippi

## C PREPARATORY CLASS

Alston, Cora.....	Hattiesburg, Mississippi
Anderson, Teddy Gray.....	Palestine, Texas
Anderson, Daniel Webster.....	Arabi, Georgia
Appling, Emery Eugene.....	Macon, Georgia
Ashley, Georgia Lou.....	Union Springs, Alabama
Austin, Hartell Thomas.....	Galveston, Texas
Banks, Jefferson Davis.....	Sylacauga, Alabama
*Banks, Otey.....	Birmingham, Alabama

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\*Part of Term.

Barbour, Mordecai.....	Tuscaloosa, Alabama
Barnes, Lloyd.....	Sardis, Alabama
Barr, Francis Robert.....	Lanes, South Carolina
Battle, James Austin.....	New York City, New York
Bean, Alma.....	Saco, Alabama
Bean, Annie.....	Saco, Alabama
Blalock, Horace Daniel.....	Savannah, Georgia
*Brewer, Luther.....	Glenn, Georgia
Bright, William Augustus.....	Americus, Georgia
Brooks, Carrie Lou.....	Lafayette, Alabama
*Brown, Hattie.....	Birmingham, Alabama
Brown, Lettie.....	Willett, Mississippi
Burnam, Samuel.....	Glancy, Mississippi
Butcher, Jones Cornelius.....	Faunsdale, Alabama
Byrd, Osie Belle.....	Cubahatchie, Alabama
Byrd, William.....	Naftel, Alabama
*Callaba, Marcelino.....	Calle de Alfredo, Cuba
Cammack, Benjamin.....	Shelby, Mississippi
Campbell, Cullen Leon.....	Duckville, Mississippi
Capels, Blanche.....	Ensley, Alabama
Carey, Cornelius Edward.....	Lexington, Kentucky
Carleton, John Will.....	Lafayette, Alabama
Casterman, Arwood.....	Sicily Island, Louisiana
Chase, Ulysses.....	Brusley, Louisiana
Chisholm, Mary.....	Charity, Alabama
*Clark, Harry Ralph.....	Chicago, Illinois
Clark, Ruth.....	Blocton, Alabama
Clay, Landon.....	Bristol, Virginia
Clayton, Jesse James.....	Birmingham, Alabama
Cohen, John Wesley.....	John's Island, South Carolina
Cooper, Jacob, Jr.....	Fernwood, Mississippi
Cowan, Leo James.....	Anderson, South Carolina
Daily, Luther Oliver.....	Anniston, Alabama
*Daniels, Lee Homer.....	Hamner, Alabama
*Davis, Willie.....	Uniontown, Alabama
Dowdell, William Smith.....	Opelika, Alabama
*Dye, Alexander Hampton.....	Elberton, Georgia
Ellington, For'ie.....	Tuskegee, Alabama
Ewell, Robert Anderson.....	Thomasville, Georgia
Farmer, Charles.....	Anniston, Alabama
Ferguson, Florence Myrtle.....	Baldwin, Louisiana
Floyd, Roman Leon.....	Mitchell, Alabama
Frazier, Clanton John.....	Taft, Oklahoma

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\*Part of Term.



Freeman, Samuel Berward.....	Lafayette, Alabama
Gant, Washington.....	Birmingham, Alabama
*Gaston, James Henry.....	Columbus, Mississippi
Gaston, William.....	Tuscaloosa, Alabama
*Glaze, Albert.....	Lake Forest, Illinois
Greene, Maggie Lee.....	Marshall, Texas
*Green, Sallie L.....	Gabbettville, Georgia
*Griffin, Allie B.....	Brundidge, Alabama
*Grimes, Fred.....	Greensboro, Georgia
*Goings, William Henry.....	Palo Alto, California
Goodson, Callie.....	Prattville, Alabama
*Graham, Anderson Lucius.....	Thomasville, Georgia
Graham, Walter E.....	Ozark, Alabama
Grant, Luther Martin.....	Hope Bay, Jamaica, British West Indies
*Hall, Hubert Sebastian.....	Brewton, Alabama
Harmon, Viola.....	Griffin, Georgia
Harper, Theodore.....	Ennis, Texas
Harrison, Christopher.....	Gilberton, Alabama
Harville, Thomas.....	Jones, Alabama
Heard, Louis.....	Malone, Alabama
Heard, Mahala.....	Alexandria, Louisiana
Heard, William McKinley.....	Smyrna, Georgia
Henry, Hattie.....	East Tallassee, Alabama
Henry, William.....	East Tallassee, Alabama
Hill, Myrtle Virginia.....	Emporia, Virginia
*Hilliard, Samuel Cornelius.....	Ensley, Alabama
*Hines, Cicero.....	Glenn, Georgia
*Hogue, Monroe.....	Birmingham, Alabama
Hollowell, Allen W. Henderson.....	Potts Camp, Mississippi
Hosendove, David.....	Tuscumbia, Alabama
*House, Merlin Lee.....	Prattville, Alabama
*Houston, Floyd.....	Mount Sterling, Alabama
Hudson, Gertrude Beatrice.....	Dublin, Georgia
*Jackson, Frank.....	Mitchell, Alabama
Jackson, Marcus Hanna.....	Forkland, Alabama
James, Pleasant.....	Apalachicola, Florida
Jefferson, James Elite.....	Bluffton, Georgia
*Jefferson, Alphonso.....	Arkansas City, Arkansas
Johnson, John.....	Gadsden, Alabama
Johnson, Leonora Mae.....	West Point, Georgia
Johnston, G. Logan.....	Rome, Georgia
*Jones, Annie Belle.....	Salem, Alabama
Jones, Cordelia.....	Jasper, Alabama

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\*Part of Term.

Jordan, Geneva Edward.....	Grambling, Louisiana
Kelley, Lula.....	Auburn, Alabama
King, Dealvis.....	Crockett, Texas
Lamar, Gilbert.....	Talladega, Alabama
Lampkin, Nancy Rebecca.....	Loachapoka, Alabama
Layson, Roberta Walker.....	Macon, Georgia
Lee, Carrie.....	Dothan, Alabama
Leggett, Booker T.....	Pensacola, Florida
*Lewis, Charles Maynor.....	Inverness, Alabama
*Lewis, Veola.....	Birmingham, Alabama
*Llms, Antonio.....	Jovellanos, Cuba
Lucas, Charles.....	Republic, Alabama
Mack, Mary Elizabeth.....	Richmond, Alabama
Mankin, Augustus.....	Richmond, Virginia
Marbly, Henry.....	Choctaw, Alabama
Martin, Buster.....	Anderson, South Carolina
May, Vero.....	Newville, Alabama
McGowan, Vesserline.....	Inverness, Alabama
McKay, Lillie Mae.....	Fayetteville, North Carolina
McMurray, Van Buren.....	Hieghberger, Alabama
Means, Andrew.....	Bingham, Alabama
*Mitchell, Cephus Fred.....	Tyler, Texas
Moody, Clarence Chancellor.....	Humboldt, Tennessee
Moore, Aaron.....	Holly Springs, Mississippi
*Moore, Nathan.....	Atlanta, Georgia
Neely, Laura.....	Bykalia, Mississippi
Nunn, Genie.....	Autaugaville, Alabama
*Pearson, Sumner.....	Durham, South Carolina
*Phillips, Cornelia.....	Seguin, Texas
*Perez, Agustin.....	Havana, Cuba
Pinkard, Frank.....	Lafayette, Alabama
*Pitts, Bessie.....	La Grange, Georgia
Powell, Flossie.....	Luverne, Alabama
Pyron, Vernon.....	Zetella, Georgia
Poland, Georgia.....	Muskogee, Oklahoma
*Poole, Lillian Icy.....	Roanoke, Alabama
Quarker, George.....	Macon, Georgia
*Ramsey, Estelle Levert.....	Tuscaloosa, Alabama
Redd, Eugenia.....	Tuskegee, Alabama
Redden, James Herman.....	Clearwater, Florida
Reel, Leroy.....	Jasper, Alabama
*Reece, Booker T. Washington.....	Auburn, Alabama
Reid, Willie Belle.....	Griffin, Georgia

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\*Part of Term.

Robinson, Alice Evie.....	Shorters, Alabama
Robinson, Charles Elbert.....	Hamilton, Georgia
*Rogers, Langston.....	Greenville, Alabama
Rogers, Thomas Robert.....	Macon, Georgia
Ross, Sloan.....	Tuskegee, Alabama
Salmond, Ada D.....	Sunflower, Mississippi
Salmons, Alvira Louise.....	Gabbettville, Georgia
Shanklin, William.....	Purvis, Mississippi
Simpson, Charles.....	Pelham, Georgia
Simms, Alberta.....	Dermot, Arkansas
Simms, Ben.....	Roba, Alabama
*Sledge, Leila.....	Warrior, Alabama
*Smiler, Winton.....	Bainbridge, Georgia
Smothers, William Thomas.....	Bel Air, Maryland
Staggs, Uriel.....	Greenville, South Carolina
Stovall, Maggie Dora.....	Seale, Alabama
Street, William Ely.....	La Grange, Georgia
Stringer, Carrie.....	Montgomery, Alabama
Sullivan, John Wesley.....	Pelzer, South Carolina
Sykes, Lawyer Edward D.....	Perry, Alabama
Taylor, Carmelia.....	Moncure, North Carolina
*Tellis, John.....	Birmingham, Alabama
Thomas, Andrew.....	Montgomery, Alabama
*Thomas, Charlotte.....	Troy, Alabama
Thomas, Early Jacob.....	Anderson, South Carolina
*Thornton, Louise.....	New Orleans, Louisiana
Todd, John Henry.....	Notasulga, Alabama
Trail, Nathan.....	Anderson, South Carolina
Trail, Pinkney Christopher.....	Anderson, South Carolina
*Turner, Bowman.....	Glenn, Georgia
Vaughn, Irene.....	Tuscaloosa, Alabama
Walker, Irwin.....	Lexington, Kentucky
Webb, Cicero Jordan.....	Tallassee, Alabama
White, Haynie Abernathie.....	Gulfport, Mississippi
Wiley, Ulysses Grant.....	Central Academy, Mississippi
Williams, Florence.....	Neita, Louisiana
*Williams, Henry.....	Prattville, Alabama
Williams, Jimmie.....	Loachapoka, Alabama
Williams, John Anderson.....	Hardaway, Alabama
*Willis, Fred.....	Inverness, Alabama
Wilson, Margaret Janet.....	York, Pennsylvania
Yarbrough, William.....	Acmar, Alabama

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\*Part of Term.

## SPECIAL C PREPARATORY CLASS

*Anderson, Lucinda.....	Tuscaloosa, Alabama
Allen, Estella.....	Warrior, Alabama
Anthony, Joella.....	Sistrunk, Alabama
*Bedingfield, George.....	Athens, Alabama
Bedingfield, William.....	Athens, Alabama
Benson, Reese.....	Marion, Alabama
Brown, Henry Henderson.....	Lowndesboro, Alabama
Byrd, Fletcher.....	Cubahatchie, Alabama
*Carlos, James.....	Notasulga, Alabama
Clark, Walter.....	Graham, Alabama
Clancy, Elliott Agustus.....	Woodstock, Alabama
Clow, Erma.....	Oberlin, Oklahoma
Cook, Nathan Warren.....	Forkland, Alabama
Couch, Emory.....	Andalusia, Alabama
*Crawford, William Howard.....	Fort Davis, Alabama
Crimes, Wayman Lee.....	Montgomery, Alabama
Currington, Lucius.....	Lake City, Florida
Drake, Hodge.....	Auburn, Alabama
Dunham, Augustus Henry.....	Mobile, Alabama
Echols, Susie.....	Tuskegee, Alabama
Eden, John Sumner.....	Routan, Spanish Honduras, Central America
Evans, Athnaise.....	Bocas Del Toro, Panama
Gaines, Stanley.....	Tuskegee, Alabama
Geeter, Mattie.....	East Tallassee, Alabama
Gland, Alphonso.....	Redbird, Oklahoma
Glisson, Cyrus.....	Sumter, South Carolina
Gray, Joshua.....	La Grange, Georgia
*Gray, Otis.....	Tuskegee, Alabama
Greenwade, Porter.....	Rome, Georgia
Guerry, Cleveland.....	Tuskegee, Alabama
*Gunn, Nathaniel.....	Lafayette, Alabama
Hadley, Fred.....	Thomasville, Georgia
Hadley, Mack.....	Thomasville, Georgia
*Hendree, Charles.....	Tuskegee, Alabama
Hindsman, Charles Walker.....	Atlanta, Georgia
Hughes, Erskin.....	Pratt City, Alabama
Ivory, Wilhelmina.....	Rutherford, Alabama
Jackson, Augusta.....	Birmingham, Alabama
Jama, Mohamad.....	Aden, Arabi, South West Africa
*Jefferson, Leon.....	Arkansas City, Arkansas
Johnson, Alberta.....	Mobile, Alabama
*Johnson, Dallas Pratt.....	Switzerland, South Carolina

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\*Part of Term.



Johnson, Jesse.....	Lowndesboro, Alabama
Johnson, Stephen.....	Bessmay, Texas
Jones, Major Jackson.....	Centerville, Alabama
Lee, Lula.....	Enterprise, Alabama
*Lipscomb, Albert.....	Opelika, Alabama
*Lockhart, Fred.....	Villa Rica, Georgia
*Martin, Jacob.....	Orrville, Alabama
*Mason, King Bee.....	Maxeys, Georgia
McDonald, Lee.....	Horatio, Arkansas
Mitchell, Amanda.....	Hollandale, Mississippi
Mitchell, Bozeman.....	Tysonville, Alabama
Morgan, Jesse.....	Muskogee, Oklahoma
Page, Russell.....	Villa Rica, Georgia
Partner, Corene.....	Villa Rica, Georgia
Pinkard, Mattie.....	Lafayette, Alabama
Ray, Wiley.....	Cubahatchie, Alabama
Robinson, Delia.....	Hollandale, Mississippi
Robinson, Ruby.....	Elberton, Georgia
Russell, Elmore.....	Elmore, Alabama
Sargent, Ransom.....	Sumter, South Carolina
Smith, Dorothy.....	Anniston, Alabama
Smith, Jesse High.....	Lumberton, Mississippi
*Stevens, Edward.....	San Antonio, Texas
Stewart, Bedford.....	Fackler, Alabama
Stewart, John Henry.....	St. Augustine, Florida
*Taylor, Carrie Lee Logan.....	Memphis, Tennessee
Tellis, Hannah.....	Union Springs, Alabama
Thomas, Edward.....	Quitman, Georgia
Underwood, Sebron.....	Birmingham, Alabama
Walker, Amos.....	Spanishtown, Jamaica, British West Indies
Wilson, William.....	Warrenton, Georgia
*Wingard, Emma.....	Goshen, Alabama
Wood, Rachel.....	Goshen, Alabama
*Young, James Addison.....	Montgomery, Alabama

## PHELPS HALL BIBLE TRAINING SCHOOL

### POST-GRADUATES

Coleman, William.....	Lineville, Alabama
Harris, Junius.....	New Orleans, Louisiana
Houze, Louthaniel.....	Marion, Alabama
Perkins, Daisy.....	Pine Hill, Alabama
Ray, Thomas.....	Evergreen, Alabama
Simms, Noland.....	Honoraville, Alabama

**\*Part of Term.**

Stephens, Richard.....	Tallahassee, Florida
Williams, Charles M.....	Franklin Park, New Jersey
Williams, Isaac S. M.....	Ebute Metta, Lagos, Southern Nigeria
	West Africa

## SENIOR CLASS

Andrews, Roscoe.....	Buena Vista, Georgia
Clemens, Walter.....	Monrovia, Liberia, West Africa
Ingraham, Frank.....	China, Alabama
Johnson, David E.....	Tuskegee, Alabama
Scott, Robert Nathaniel....	Falmouth, Jamaica, British West Indies

## MIDDLE CLASS

Amakyi, John Ocran Hanson....	Shanti Road, Salt Pond, Gold Coast
	West Africa
Banks, John J.....	Sylacauga, Alabama
Best, David.....	St. Catherine, Spanistown, Jamaica
	British West Indies
Brooks, Luther.....	Savannahmar, Jamaica, British West Indies
Clow, James.....	Oberlin, Oklahoma
Ellis, Missouri.....	Memphis, Tennessee
Handy, Williams.....	Hazelhurst, Mississippi
Ingraham, Clanton.....	Tuskegee, Alabama
Jackson, James Lee.....	Orange, New Jersey
Johnson, Anderson.....	Birmingham, Alabama
Kitchen, Lejie.....	Troy, Alabama
Manly, Modist.....	Beaumont, Texas
McDaniels, Cleveland.....	Quincy, Mississippi
Nelson, Frank.....	Chappell, South Carolina
Person, Lucius.....	Birmingham, Alabama
Robinson, Ismay.....	Mandville, Jamaica, British West Indies
Roundtree, Voaid.....	Egypt, Georgia
Salmond, Savannah.....	Sunflower, Mississippi
Smith, Benjamin F.....	Alexander, Louisiana
Tyndall, Henry.....	Old Harbour, Jamaica, British West Indies
White, Samuel.....	Mount Serrat, Harris Village
	British West Indies
Wilson, Callie.....	Tuskegee, Alabama

## JUNIOR CLASS

Alfred, Georgia.....	Expose, Mississippi
Alves, Orlando.....	Rio de Janeiro, Brazil, South America
Armstrong, Eugene.....	Shellman, Georgia
Battles, James D.....	Dublin, Georgia
Blakey, Frank R.....	Tuskegee, Alabama

Brown, Floyd.....	Mound Bayou, Mississippi
Brown, Jerry J.....	Travellers Rest, South Carolina
Chappell, Samuel David.....	Fort Davis, Alabama
Cole, Solomon.....	Kinder, Louisiana
Colbert, Adeline.....	Torrance, Mississippi
Dickson, Walter L. ....	Orangeburg, South Carolina
Dotson, James H.....	Edward, Mississippi
Gousse, C. Marc.....	Jacmel, Haiti
Graham, Walter.....	Ozark, Alabama
Hatcher, Edward.....	Louise, Mississippi
Hilliard, David.....	Amarilla, Texas
Hiram, Frank.....	Jimmia, Nonno, Abyssinia, Africa
Johnson, Stephen.....	Bessmay, Texas
Kelly, Elijah.....	Girard, Georgia
Lassiter, Daisy B.....	Lavaca, Alabama
Littman, Alfred.....	Antananabo, Madagascar
Marbly, Henry R.....	Choctaw, Alabama
Mason, Isaiah.....	Sunflower, Alabama
Mawalili, Ponnett.....	St. Columbus Mission, Bulawayo
	Metabele Land, South Africa
McField, Otis.....	Rutan, Honduras, Central America
McLester, Charles.....	Bethune, South Carolina
Mitchell, James.....	Thomaston, Georgia
*Patterson, Flora Zella.....	Clinton, Illinois
Raiford, Mary.....	Atlanta, Georgia
Simmons, Ezel.....	Birmingham, Alabama
Simmons, James.....	Midway, Alabama
Smothers, William .....	Bel Air, Maryland
Tarver, Eufala.....	Midway, Alabama
Trammell, Bishop.....	Ragland, Alabama
Walker, Amos.....	Spanishtown, Jamaica, British West Indies
Watkins, Thomas.....	Birmingham, Alabama

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# RECAPITULATION

## STATES, TERRITORIES AND FOREIGN COUNTRIES REPRESENTED

### AFRICA

Abyssinia, East Africa.....	1
Gold Coast, West Africa.....	1
Engcobo, Tembuland, South Africa.....	3
Liberia, West Africa.....	3
Metabele Land, South Africa.....	1
Aden, Arabi, South West Africa.....	1
Southern Nigeria, West Africa.....	1

Alabama .....	663
Arizona .....	1
Arkansas .....	36
California .....	10

### CENTRAL AMERICA

Costa Rica.....	2
Panama .....	11
Spanish Honduras .....	2

Colorado .....	2
Connecticut .....	4
District of Columbia.....	4
Florida .....	47
Georgia .....	206
Illinois .....	16

### INDIA

Travancore .....	1
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Indiana .....	8
Iowa .....	2
Kansas .....	2
Kentucky .....	15
Louisiana .....	54

### MADAGASCAR

Antananabo .....	1
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Maryland .....	3
Michigan .....	2
Mississippi .....	123
Missouri .....	13
Montana .....	1
New Jersey .....	3
New York .....	7

North Carolina .....	21
Ohio .....	2
Oklahoma .....	42
Pennsylvania .....	7
SOUTH AMERICA	
Brazil .....	1
British Guiana .....	1
South Carolina .....	51
Tennessee .....	24
Texas .....	84
Virginia .....	20
WEST INDIES	
Bermuda .....	2
Cuba .....	8
Haiti .....	4
Jamaica .....	19
Porto Rico .....	11
St. Croix .....	1
Santo Domingo .....	4
St. Andrews .....	1
St. Kitts .....	1
St. Thomas .....	1
Trinidad .....	2
Washington .....	2
West Virginia .....	4
<hr/>	
Total (Boys 917; Girls 647).....	1,564
Average Attendance at Children's House.....	250
Average Attendance, Summer School.....	437
Average Attendance, Agricultural Short Course...	284
<hr/>	
Grand Total.....	2,535
States and Territories represented.....	33
Foreign Countries represented .....	20







# THE TUSKEGEE INSTITUTE BULLETIN

PUBLISHED QUARTERLY

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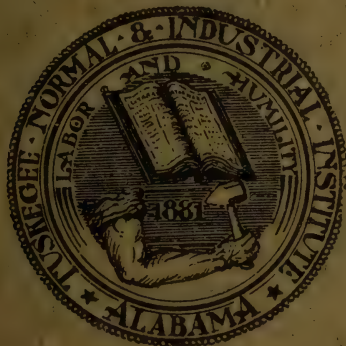
VOL. 11

APRIL-JUNE

NO. 2

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## ANNUAL CATALOG EDITION



### 1916-17

**TUSKEGEE INSTITUTE, ALABAMA**

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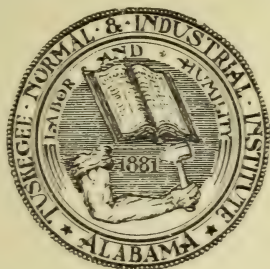
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THIRTY-SIXTH  
ANNUAL  
CATALOG

TUSKEGEE NORMAL AND INDUSTRIAL  
INSTITUTE

*Founded by* BOOKER T. WASHINGTON



1916-17

INSTITUTE PRESS  
TUSKEGEE INSTITUTE, ALA.

1917

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Julius Rosenwald.....Chicago, Illinois  
William M. Scott.....Philadelphia, Pennsylvania  
George McAneny.....New York City, N. Y.  
Randall O. Simpson.....Furman, Alabama  
Victor H. Tulane.....Montgomery, Alabama  
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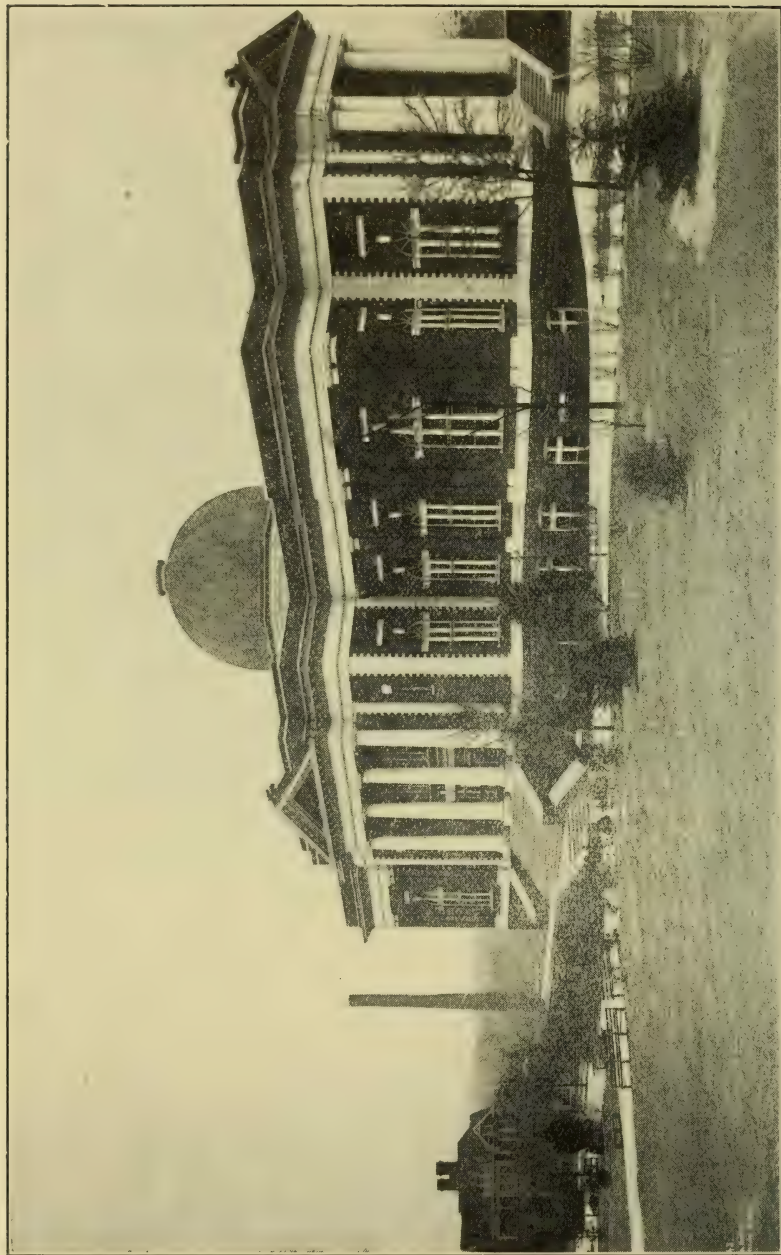
## ANNOUNCEMENTS FOR 1917-1918

1917—

September 11, Tuesday.....First Term Begins  
 November 29, Thursday.....Thanksgiving Day  
 December 24-25, Monday, Tuesday.....Christmas Holidays

1918—

January 1, Tuesday.....New Year's Holiday  
     7, Monday.....Week of Prayer Begins  
     7, Monday.....First Term Examinations Begin  
    14, Monday.....Second Term Begins  
    16, Wednesday.....Tuskegee Negro Conference  
    17, Thursday.....Tuskegee Workers' Conference  
    29, Tuesday.....Armstrong Memorial Exercises  
 April 5, Friday.....Founder's Day  
 April 26, Friday.....Night School Students' Holiday  
 May 6, Monday.....Second Term Examinations Begin  
    26, Sunday.....The Commencement Sermon  
    27, Monday.....Annual Exercises  
         Phelps Hall Bible Training School  
    28, Tuesday.....Trinity Church Boston Prize Contest  
    29, Wednesday.....Senior Class Exercises  
    30, Thursday.....Commencement Day



TOMPKINS DINING HALL, SHOWING SMOKE-STACK OF NEW POWER PLANT AND PRINCIPAL MOTON'S RESIDENCE

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Warren Logan.....	Treasurer
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Robert R. Taylor.....	Director, Mechanical Industries
George W. Carver.....	Department Research Experiment Station, Consulting Chemist
Major Julius B. Ramsey.....	Commandant
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Ezra C. Roberts.....	Director, Academic Department
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David A. Williston....	Director, Department of Landscape Gardening
Alvin J. Neely.....	Superintendent, Buildings and Grounds
G. Lake Imes.....	Dean, Phelps Hall Bible Training School

## ACADEMIC DEPARTMENT

Ezra C. Roberts.....	Director
Clement Richardson**.....	English
Ralph A. Marsden.....	English
Carrie S. Ramsey.....	English
Charles E. Burch*.....	English
Susie E. Palmer.....	English
Myrtle Travers.....	English
Pauline A. Ray.....	English
Ruth E. Weatherless.....	English

\* Part of Term.      \*\* Head of Division.

Lewis E. Green*	English
Charles L. Lewis	English
Helen Parks	English
T. Edward Owens**	Mathematics
Charles S. Smith, Jr.	Mathematics
Leroy Robbins	Mathematics
Myrtle Johnson	Mathematics
Edward Frazier	Mathematics
Ogaritta Garrett	Mathematics
George W. Buckner	Mathematics
G. W. A. Scott**	Geography
Leonie Spears	Geography
Julia O. Walton	Geography
Rebecca M. Quinton	History and Geography
Edna A. Landers	History and Geography
J. W. E. Bowen, Jr.	Economics and Geography
St. Elmo Brady**	Science
J. T. Williamson	Science
D. A. Williston	Science
Ruth M. Logan**	Physical Training
Jennie C. Lee**	Vocal Music
Emily C. Neely	Assistant in Vocal Music
Alice C. Simmons**	Instrumental Music
Leola E. Buggs	Assistant in Instrumental Music
Joseph L. Whiting**	Education
Gertrude S. Ferguson	Education
William H. Carter	Bookkeeping
Helen A. Whiting**	Drawing and Writing
Joel S. McKnight*	In charge Academic Office
Clara B. Coy	Care of Records, Director's Office
Lillian M. Wright	Clerk, Director's Office
Lena R. Cheeks	Stenographer, Director's Office

### CHILDREN'S HOUSE

Laura T. Jones	Principal, and First Grade
Ethel M. Storey	Second Grade
Edith E. Washington	Third Grade
Helen J. Howard	Fourth Grade
Louise Marshall	Fifth Grade
Dorinda K. McMillan	Sixth Grade

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\* Part of Term.      \*\* Head of Division.



Mary E. Brown.....	Sewing and Cooking
Henry Howard.....	Carpentry and Gardening
Georgia K. Smith.....	Kindergarten

## CARNEGIE LIBRARY

M. Ernestine Suarez.....	Librarian
Una M. Staunton.....	Assistant Librarian
Florence E. Curry.....	Cataloguer

## DEPARTMENT OF MECHANICAL INDUSTRIES

Robert R. Taylor.....	Director
W. A. Richardson.....	Assistant to Director
Harry E. Thomas.....	Power Plant and Engineering
Wayman J. Long.....	Power Plant
Robert L. Waggener.....	Machinery
Edward J. Bruce.....	Painting
G. B. Rivers.....	Assistant Painting
Edward W. Cummings.....	Blacksmithing
Jno. C. Jordan.....	Harnessmaking and Carriage Trimming
Charles H. Evans.....	Carpentry
N. E. Wilkins.....	Assistant Carpentry
Jailous Perdue.....	Assistant Carpentry
Mitchell D. Garner.....	Carpentry Repair
William A. Hazel.....	Architectural and Mechanical Drawing
James A. Dunn.....	Assistant Architectural and Mechanical Drawing
Lewis H. Persley....	Assistant Architectural and Mechanical Drawing
Frank L. West.....	Shoemaking
William L. Wilkinson.....	Tailoring
William H. Pearson.....	Tinsmithing
J. W. Spaulding.....	Brickmasonry and Tile Setting
J. L. Anderson.....	Applied Electricity
E. L. Burke.....	Wheelwrighting
Augustus A. Thomas.....	Printing
Louis S. Tenette.....	Assistant Printing
Kate Evans Gover.....	Proofreading, Printing
W. C. Cole.....	Mechanical Bookkeeping
Arthur P. Mack.....	Plumbing
Frank G. Manly.....	Mechanical Supplies
Lee R. Fears.....	Automobile Mechanics
C. M. Battey.....	Photography
J. A. Bynes.....	Founding
J. Lee Hicks.....	Stenographer

### PHELPS HALL BIBLE TRAINING SCHOOL

G. Lake Imes, Dean.....	Christian Service
Woodford S. Smith.....	History, Bible
Martin L. Bethel.....	Preaching, Christian Doctrine
John W. Whittaker, Chaplain.....	History, Bible

### DEPARTMENT OF RESEARCH, EXPERIMENT STATION— CONSULTING CHEMIST

George W. Carver.....	Director
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### DEPARTMENT OF AGRICULTURE

George R. Bridgeforth.....	Director
Thomas N. Cowen.....	Farm Superintendent
Eugene C. Dobbs.....	Assistant to Farm Superintendent
Matthew Woods.....	Horse and Mule Raising
Jesse J. Jones.....	Agricultural Bookkeeping
George B. Thornton.....	Stenographer
Henry W. Seals.....	Milling
Nelson D. Ricks.....	Fruit Growing
Louis J. Watkins.....	Road Building
Henry H. Boger.....	Agricultural Instruction
Cleveland L. Abbott.....	Assistant, Agricultural Instruction
Juanita H. V. Conyers***.....	Assistant, Agricultural Instruction
James H. Bias, D. V. M.....	Veterinarian
Henry B. Benson.....	Canning
Wallace W. Hayes.....	Truck Gardening
Jesse E. Whitfield.....	Swine Husbandry
Russell C. Atkins.....	Dairy Husbandry
Herbert H. Harris.....	Dairying
George D. White.....	Poultry Raising

### AGRICULTURAL EXTENSION

Thomas M. Campbell.....	Agricultural Extension
U. S. District Demonstration Agent	
Charles W. Greene.....	Agricultural Extension
U. S. County Demonstration Agent	
N. Juanita Coleman.....	Agricultural Extension—Home Economics
Charma M. Abbott.....	Stenographer, Agricultural Extension

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\*\*\* Student Helper.

## DEPARTMENT OF WOMEN'S INDUSTRIES

Mrs. Booker T. Washington.....	Director
Sarah P. Martin.....	Assistant to Director
Cornelia A. Vivian.....	Millinery
Della Harris.....	Ladies' Tailoring
Hattie E. King.....	Dressmaking
Ophelia M. Donaldson.....	Laundering
Susie M. Waggener.....	Domestic Science
Lorena C. Taylor.....	Domestic Science
Caroline C. Owens.....	Handicrafts
Lucile Galloway*.....	Stenographer, Director's Office

## WOMAN'S DEPARTMENT

Mrs. Booker T. Washington.....	Acting Dean
Beatrice M. Graine.....	Assistant to Dean
Mary E. Davis.....	Matron, Housekeeping Division
Minnie E. Davis.....	Matron, Housekeeping Division
Mary B. Scott.....	Matron, Housekeeping Division
Luvenia Williams.....	Matron, Housekeeping Division

## MILITARY DEPARTMENT

Major Julius B. Ramsey.....	Commandant
Captain William H. Walcott.....	Assistant Commandant
Captain Benjamin E. Ammons*.....	Assistant Commandant
Captain Victor H. Daniel.....	Assistant Commandant
Captain Frank L. Drye.....	Bandmaster
Addie D. Pollard.....	Matron
John D. Stevenson.....	General Secretary, Y. M. C. A.
Robert S. Darnaby.....	Stenographer, Commandant's Office

## BUSINESS AGENT'S DEPARTMENT

Ernest T. Attwell.....	Business Agent
Charles G. Kelley.....	Assistant Business Agent
Robert B. Greene.....	Stenographer
Joseph M. Dugas.....	Clerk
Thomas J. Murray.....	Clerk
Albert D. Foster.....	In charge of General Stores Division
William A. Gaillard.....	Clerk, General Stores
Alma E. Smith.....	Clerk, General Stores
Willis I. Peek.....	Cashier, General Stores

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\* Part of Term.

Walter T. Shehee.....Steward, in charge Boarding Department  
 Susie A. Davis.....Matron, Boarding Department  
 Lillie B. Callahan.....Matron, Boarding Department  
 Evelyn C. Cooper.....Matron, Boarding Department

### JOHN A. ANDREW MEMORIAL HOSPITAL AND NURSE TRAINING SCHOOL

J. A. Kenney, M. D.....Medical Director  
 Rupert O. Roett, M. D.....House Physician  
 M. E. Norris, M. D.....Interne  
 W. E. Davis, Ph. G.....Pharmacist  
 Janie V. Armstead.....Acting Head Nurse  
 Orelia Williams.....Acting Assistant Head Nurse  
 Celia E. Watkins.....Matron  
 Bertha T. Robertson.....Stenographer

### DEPARTMENT OF LANDSCAPE GARDENING

David A. Williston.....Director

### BUILDINGS AND GROUNDS

Alvin J. Neely.....Superintendent  
 William Gregory.....Assistant to Superintendent  
 W. F. Robinson.....Florist, Greenhouse  
 Charles L. Diggs.....Assistant

### DEPARTMENT OF ADMINISTRATION

Robert R. Moton.....Principal  
 Emmett J. Scott.....Secretary  
 Albon L. Holsey.....Assistant to Secretary  
 Gustavus A. Steward.....Assistant to Secretary  
 Nathan Hunt.....Assistant to Secretary  
 John H. Palmer.....Registrar  
 Florence E. Swain.....Stenographer, Principal's Office  
 E. Davidson Washington.....Stenographer, Principal's Office  
     Clerk Executive Council  
 Lillian L. Childs.....Filing Clerk, Principal's Office  
 Mary Carson Cummings.....Stenographer, Registrar's Office  
 Lulla M. LaBranche.....Stenographer, Registrar's Office  
 Robert A. Clarke.....Campaign Work  
 A. R. Stewart.....Campaign Work



## TREASURER'S OFFICE

Warren Logan.....	Treasurer
Thomas J. Ferguson.....	Assistant to Treasurer
Secretary Business Committee	
Moses B. Lacy.....	Cashier
Chambers C. Clayton.....	Assistant Cashier
Robert Gover.....	Cashier, Savings Department
A. Henry May.....	Bookkeeper, Savings Department
Roy H. Howard.....	Stenographer

## DIVISION OF CAMPAIGN PUBLICITY

Charles W. Wood.....	In Charge
Frank P. Chisholm.....	Northern Financial Agent
Clarence A. Powell.....	Northern Financial Agent
Rufus Sampson.....	Northern Financial Agent
Walter L. Hutcherson.....	Northern Financial Agent
Mitchell V. Scott.....	Northern Financial Agent

## EXTENSION DEPARTMENT

Clinton J. Calloway.....	Director
Booker T. Washington, Jr.....	Assistant to Director
Vernon W. Barnett.....	Assistant to Director
William M. Rakestraw.....	Tuskegee Conference Agent
Lottie B. Hargrave.....	Stenographer, Director's Office
Mattie B. Rowe.....	Stenographer, Director's Office

## CHIEF ACCOUNTANT'S DEPARTMENT

Charles H. Gibson.....	Chief Accountant
William H. Carter.....	Cost Accountant
Elbert J. Jones.....	General Bookkeeper
Willard L. Simmons.....	Institute Purchases
Ethel M. Boyd.....	Institute Sales
Henry C. Watson*.....	Students' Accounts
B. E. Tucker.....	Students' Accounts
Rosa Curry.....	Students' Accounts
Althea M. Rochon.....	Creditors' Accounts

## DIVISION OF RECORDS AND RESEARCH

Monroe N. Work.....	In Charge
Mabel M. White.....	Stenographer

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\* Part of Term.

## THE SOUTHERN LETTER

Robert R. Moten.....	Editor
Frank P. Chisholm.....	Business Manager
Charles G. Campfield.....	Circulation

## THE TUSKEGEE STUDENT

Emmett J. Scott.....	Editor
Albon L. Holsey.....	Associate Editor
Gustavus A. Steward.....	Associate Editor
Charles G. Campfield.....	Circulation

## TUSKEGEE INSTITUTE POST OFFICE

James B. Washington...	Postmaster
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A GROUP OF FOREIGN STUDENTS AT THE TUSKEGEE INSTITUTE

# GENERAL STATEMENT

## LOCATION

Tuskegee is situated near the center of the State of Alabama, forty miles east of Montgomery and one hundred and thirty-six miles west of Atlanta. It is one of the most beautiful towns in the State, with a population of cultured and generous people. The school is one mile from the town, upon a site overlooking all the adjacent country. The scenery about it is not excelled in the whole South. The climate is unsurpassed for healthfulness. Tuskegee Institute is five miles from Chehaw Station, on the line of the Western Railroad of Alabama, with which it is connected by the Tuskegee Railway. The Western Union and Postal Telegraph Companies and the Southern Express Company have offices in town.

## ESTABLISHMENT

The school was established by an act of the Alabama legislature, session of 1880 as the Tuskegee State Normal School. Its first session, July 4, 1881, opened in a rented shanty church, and was first taught by the late Booker T. Washington, who remained as the active head of the institution until his death, November 14, 1915. In 1893, the institution was incorporated as the Tuskegee Normal and Industrial Institute.

## AIMS AND METHOD

Tuskegee Institute aims to provide an opportunity for young colored men and women to acquire a sound vocational training so that upon graduation they may be thoroughly equipped for active leadership in improving moral, educational, industrial and civic conditions in the communities in which they may thereafter live. The methods of instruction employed so correlate and combine academic studies with industrial training that special emphasis is given to the value of skilled labor as a constructive social and moral force. The more or less abstract teaching of the class room is supplemented and illustrated by practical lessons in field and shop. These lessons, based on facts of the student's daily observation and experience, enable him to make the class room instruction a real part of his mental equipment. By such methods the institution strives to produce citi-



zens capable of contributing something of genuine service to their fellows.

## RESOURCES

The school was begun in 1881; shortly afterward it acquired one hundred acres of land and three small buildings. At the close of the term, May 31, 1916, it owned 114 buildings, 2,110 acres of land, about 485 head of live stock, wagons, carriages, farm implements and other equipment amounting in value to \$1,530,745.81. In February, 1899, Congress gave the school 25,000 acres of mineral land, 5,100 acres of which have been sold and the proceeds applied to the endowment fund. The remaining 19,900 acres of this land are now valued at \$250,000.00. This sum added to the present endowment fund will give the institution \$2,275,391.37 as a permanent endowment. The total value of all property, real and personal, owned by the school, and including the endowment fund, amounts to \$3,806,137.18.

## BUILDINGS

THE OFFICE BUILDING, located on the main thoroughfare of the school grounds, is a handsome three-story structure of 28 rooms, in which are located, in addition to the Tuskegee Institute Bank and the Government Post Office, most of the administrative offices of the school.

THE DINING HALL, known as TOMPKINS HALL, in memory of Charles E. Tompkins, of Southport, Conn., is the largest and most imposing building on the school grounds. It contains a dining room large enough to seat the 180 boarding teachers, together with the 1,600 students of the school, and contains, in addition, an assembly room large enough to seat 2,500 persons.

THE COLLIS P. HUNTINGTON MEMORIAL BUILDING which, until the erection of the Dining Hall, was the largest building on the school grounds, was given by Mrs. Collis P. Huntington in memory of her husband. In this building all of the academic work of the school is carried on.

THE JOHN A. ANDREW MEMORIAL HOSPITAL was dedicated and formally opened on February 21, 1913. The building is given in memory of her grandfather, Former Governor John A. Andrew, of Massachusetts, by a Boston friend of the school. The building cost \$50,000, and \$5,000 additional was provided for equipment. The Hospital is a two-story brick structure and is located west of the old hospital. In plan, it is in the shape of the letter "E." The site on which it stands is one of the high points of the school grounds and overlooks almost the entire campus.

THE VETERINARY HOSPITAL, recently erected, modern in its construction and in much of its equipment, takes the place of the old wooden structure, which this division has entirely outgrown. It is located near the Milbank Agricultural Hall and forms one of the group of buildings which will be centered around that building. It is a one-story brick structure, 57x135 feet in its largest dimensions, with cement floors and metal roof. It is amply provided with window space so as to give plenty of light and ventilation. The front portion contains the following rooms: office, class room, operating room, laboratory, storage room, serum rooms, drug and instrument room and waiting room. The rear portion, which is separated by a passage 11 feet in width, contains four box stalls, soaking pit, and four tie stalls. The building conforms in general type of architecture with the Milbank Agricultural Hall, and located as it is on a low hill, makes a very pleasing addition to this part of the grounds.

THE NEW LAUNDRY. The work of the Laundry Division has grown to such an extent that the rooms occupied in Dorothy Hall were too small and not suited to carry on its activities. The institution has met this situation by erecting a new, modern laundry building separate from Dorothy Hall. It is near enough to Dorothy Hall to make supervision easy. The building is a brick structure, 57x122, one story in height. The story is high enough from the ground to allow a basement to be placed underneath should it ever become necessary. The building is generously supplied with windows which give ample light and ventilation. Ventilating flues also run from the ceiling through the roof so as to take off any steam or foul air. The roof is covered with tin and is supported by a number of trusses which have been built from one wall to the other, affording a floor space clear of supporting posts. Electricity is used for lighting and for motive power, and steam of sufficient pressure is supplied from the Central Power House for heating and for those machines which require steam. Such machinery as was suitable has been moved from the old Laundry, while other machinery has been purchased, thereby increasing the efficiency of the division and giving the students working there an opportunity to learn how to handle much of the most modern machinery. The architecture of the building conforms in type with that of Dorothy Hall, and the idea of unity of the two structures has been effected by a wall connecting the two buildings.

PHELPS HALL BIBLE TRAINING SCHOOL, the Armstrong-Slater Memorial Trades Building, the Milbank Agricultural Building, Dorothy Hall, the Children's House and the Carnegie Library are described in detail elsewhere in this catalogue.

## THE DORMITORIES

OLIVIA DAVIDSON HALL, a dormitory for young men, is one of the older buildings. It is a three-story brick structure, heated and lighted from the Central Heating and Lighting Plant from which nearly all the buildings on the grounds are now heated and lighted.

THRASHER HALL, named in memory of Max Bennett Thrasher, of Westmoreland, N. H., a devoted friend of the school, is a three-story brick building and one of the best arranged boys' dormitories on the grounds.

CASSEDY HALL was formerly occupied by the mechanical industries. It is now a dormitory for young men.

ROCKEFELLER HALL, given by Mr. John D. Rockefeller, is a three-story brick building, providing rooms to accommodate 160 young men.

EMERY HALLS, NOS. I, II, III, AND IV, are gifts of the late Miss Julia E. Emery, of London, England. They are two-story brick dormitories for young men, located near the Armstrong-Slater Memorial Trades Building.

HUNTINGTON HALL, a two-story brick building, is the gift of Mrs. Collis P. Huntington. It contains 23 rooms with a basement and attic, and is used as a girls' dormitory.

DOUGLASS HALL, named in memory of Frederick Douglass, is a girls' dormitory. It contains an assembly room, seating 750 persons, besides 33 rooms for young women. It is a two-story, brick, with piazzas on three sides of the building.

THE WHITE MEMORIAL HALL, erected in memory of Alexander Moss White of Brooklyn, and the gift of a number of his heirs, is a dormitory for girls. It was opened in the fall of 1909 and dedicated on February 22, 1910. It is the center of life for the girls.

TANTUM HALL, the gift of Miss Margaret W. Tantom, of Trenton, New Jersey, in memory of her father, is a dormitory for girls, Colonial style, and of pleasing appearance. It is one of the handsomest and most complete buildings on the grounds.

## CARNEGIE LIBRARY

CARNEGIE LIBRARY is a two-story brick structure, built in Colonial style at a cost of \$20,000. The first floor contains a stack room, reading room, librarian's office, and two rooms used for magazines and newspapers. On the second floor are an assembly room which seats 225 persons, two study rooms, magazine room, and a room used as an Historical Museum.

The Library contains about 21,000 bound volumes. Among these



is the Negro Library of 600 volumes written by Negroes, or about Negroes; also a large number of pamphlets.

There is a complete dictionary card catalogue of all books. These are catalogued by the Dewey Decimal System.

The Library is a depository for United States public documents. It receives many important newspapers from both the white and colored press, and a large number of agricultural, mechanical, educational, and popular magazines.

The Library is open to students and teachers from 7 a. m. to 9 p. m., every day in the week. A reading circle which meets twice a month, open to all members of the Senior Class, is conducted by the librarian with the assistance of members of the Faculty. The purpose of this Reading Circle is to make the students acquainted with some of the best literature, and to direct and inform them in regard to the use of the Library and the selection of books.

### LITERARY SOCIETIES

The students maintain ten literary and debating societies: The Liberty Debating Society, the Willing Workers' Debating Club, the Natural History Debating Club, Stokes Ministers' Union, Washington Literary Society, Phyllis Wheatley Literary Society, Careful Builders and Little Women's Debating Clubs, Hope and Acme Clubs, and a Temperance Society. Meetings are held every Saturday night. Representatives of the societies meet annually in public debate.

For the past two years, Post-graduate students have maintained a self-governing body known as the Inter-Se Club, which is composed of the following departments: Reading Circle, Literary, Sunday School, Men's Meeting, Athletic, Social and Publication. The publication department issues a monthly magazine, known as the "Monthly News."

### RELIGIOUS EXERCISES

There are five voluntary religious organizations maintained by the students: Young Men's Christian Association, Young People's Society of Christian Endeavor, The Young Women's Christian Temperance Union, The Young Women's Christian Association, and the Edna D. Cheney Missionary Society.

Students are required to attend Sunday School and church services every Sunday.

### CHAPEL EXERCISES

Teachers and students assemble on Tuesdays and Thursdays in the assembly room beneath the dining room for devotional exercises. On Monday and Wednesday evenings devotional exercises are held in the dining room. These exercises consist of reading the Scriptures,



a brief prayer by the Principal or some member of the Faculty, and singing by the whole school. At this meeting the announcements for the following day are made to the student body. Friday night, the students meet for prayers at different points on the school grounds. Sunday morning at nine o'clock young men and women meet together for volunteer Bible study. Every Sunday evening at six-thirty o'clock devotional exercises are held in the Institute Chapel.

### SCHOOL PUBLICATIONS

The Tuskegee Student is a bi-monthly newspaper devoted to the interest of students, teachers and graduates.

The Southern Letter, a monthly publication, is a record of the work of graduates and former students and goes to persons outside the school who are interested in its work.

The Messenger is a county newspaper for the encouragement of the work in the public schools of the county and for instruction of the farming community in agriculture and is published under the direction of the Extension Department.

### MILITARY TRAINING

The military system has been introduced among the young men of the school to cultivate habits of order, neatness and obedience. Military drill, that is, "setting up" exercises, furnishes training and aids in promoting manly bearing among students. Wooden guns are used. The companies are officered by students who are commissioned by the Institute Commandant.

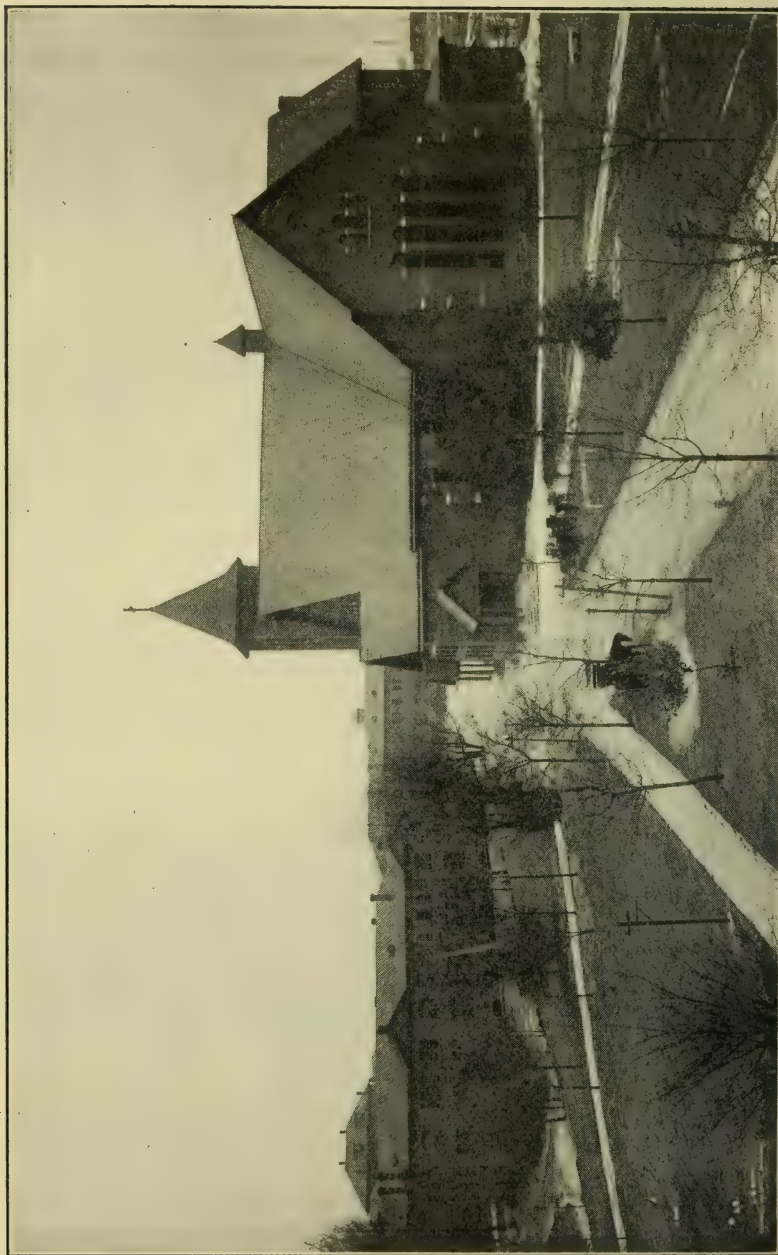
### GYMNASTICS

Special attention is given to gymnastics for women. This is to improve the general carriage of the girl students, induce healthy respiration and circulation, and counteract evils of habitually incorrect position.

The work, which is conducted under the charge of a trained woman teacher of gymnastics, follows the free standing movements of the Swedish or Ling System. A well appointed gymnasium for young women is provided in the Collis P. Huntington Memorial Building.

### SPORTS

The gymnastics and sports of the young men, outside of the exercises of the Military Drill, are carried on under the charge of the director of the Y. M. C. A. They include football, baseball, basketball, and cricket. The school grounds are also provided with a number of tennis courts, which are used for the most part by the teachers.



DOROTHY HALL, GIRLS' TRADES BUILDING

INSTITUTE CHAPEL

# GENERAL REGULATIONS

## ADMISSION OF STUDENTS

**Applications:** Persons desiring to enter the institution should satisfy themselves before leaving home, either by writing to the Principal or by consulting the catalogue, that they are able, in every way to meet the requirements for admission. Application for admission should be made directly to the Principal, who will notify such persons when their applications are accepted. Prospective students will save themselves annoyance and needless expense if this statement is heeded. No applicant should present himself without definite permission to enter the school. A catalogue will be sent to any address upon receipt of six cents postage.

Upon arrival at the school, new students should present themselves at the Principal's office for examination.

Students are expected to enter promptly at the beginning of the session and remain until the close. The school term begins on the second Tuesday in September and closes the last Thursday of the following May.

**Requirements:** No person will be admitted to the school as a student who cannot pass examination for the C Preparatory Class. To enter this class, one must be able to read, write and understand addition, subtraction, multiplication, and division.

All applicants must be of good moral character and must bring letters of recommendation from at least two reliable persons, residents of their communities.

**The Day School:** The Day School is intended for those students who are able to pay all or the greater portion of their expenses in cash. Students are required to attend school for three days each week, and to work each alternate work-day at some trade or industry.

Applicants for admission to the Day School must not be less than 14 years of age, of good physique and able to pass the examination for admission to the C Preparatory Class.

**The Night School:** The Night School is designed for young men and women who earnestly desire to educate themselves, but who are not able to pay the small charge made in the Day School. Students will not be admitted to the Night School who can afford to enter the Day School. Requirements for entering the Night School are nearly the same as for admission to the Day School. Applicants must be 16



years of age, instead of 14, and physically able to perform an adult's labor. Students who fraudulently gain admission to the Night School must, upon discovery of the deception, either enter the Day School or leave the institution.

Trades are assigned as nearly as possible in accordance with the student's desire. In assigning young men and women to a trade, their mental ability to comprehend and physical ability to perform the duties required are carefully considered. Frequently at the beginning of the school year it happens that places in certain of the industries are quickly filled. In such cases applicants for places in these industries are assigned to some other division until a vacancy occurs.

### EXPENSES

The necessary expenses of a student at Tuskegee are small. It is intended, so far as possible, that no diligent, worthy student shall leave the Institute because of a lack of means.

Tuition is free to all students. Charges for board, etc., are:

Entrance fee .....	\$ 10.00
Board per month .....	10.00

Books, estimated for different classes:

Junior Class .....	\$ 4.50
B Middle Class .....	5.30
A Middle Class .....	6.75
Senior Class .....	6.75
A Preparatory .....	3.70
The C and B Preparatory Classes, each .....	2.50

The entrance fee, which is charged over and above all other expenses, as well as the cost of books, must be paid in cash. This fee is not refunded unless for some reason the school does not admit the student.

Day School students are given an opportunity to work out from \$1.50 to \$3.00 per month on their board, thus leaving from \$7.00 to \$8.50 to be paid in cash. The labor of students must be satisfactory in order to be accepted as part payment for board. Economical, enterprising students rarely fail to remain in school, some few of them working out nearly half of the cost of their board. It should be understood, however, that the institution does not guarantee that a student will be able to work out any definite portion of the cost of his schooling. The amount earned will vary according to the value of the work done and the diligence with which the student applies himself. When the work is not productive the student earns nothing.

When students do not settle their accounts by the fifteenth of the



month, they are liable to suspension from their classes until the accounts are paid. It is urged that parents pay students' accounts promptly, since a student who is suspended and required to work for his board, is likely to fall behind in his classes and thus become discouraged and generally unfit for school duties.

With a good outfit of clothing, including uniform, and after providing for books, entrance fee, etc., \$75 to \$80 to be paid in cash for board should be sufficient to carry an industrious student through a term of nine months in the Day School.

Night School students work during the day on the farm or at some other industry and attend school for two hours at night, five nights in the week, for a year or more. In some cases Night School students are permitted to choose and work at their trade while in Night School. Such students are paid for their work according to its value. When their earnings are not sufficient to cover their board, the difference is to be paid in cash.

By putting in full time and doing satisfactory work, Night School students not pursuing a trade have an opportunity to earn the cost of their board, and what may be earned over this amount is placed to their credit in the Institute Treasury to help pay their board as they pursue their studies. In special cases students are given orders on their accounts for books, clothing, etc. Agricultural students alone are permitted to receive a small proportion of their wages in cash.

### CLOTHING

Girls: It is of the greatest importance, not only in the interest of their health, but as an aid in teaching economy and correct ideas of dress, that girls be properly clothed. Every girl entering school should bring with her good shoes, a pair of rubber overshoes, an umbrella and a raincoat. Warm and comfortable underclothing, woolen if possible, should be provided for winter. The institution cannot be responsible for the health of girls not properly clothed.

Young women are required to wear a navy blue uniform dress and hat. Simplicity and economy in matters of dress are insisted upon. The cost of a uniform dress is \$2.25; a hat \$2.00. It is expected that girls in the Day School will provide themselves with gymnastic suits.

In addition to the uniform dress and hat, which all girls are required to purchase, it has been decided that young women must provide themselves with a uniform coat to be made of heavy dark blue woolen material. The cost of this coat will be \$6.75. The coat must be provided upon entering school and may be purchased at the school.

Under the heading, "Expenses," page 22, charge for board for students should be \$11.00 instead of \$10.00; board for Post-graduates should be \$12.00 instead of \$11.00.

In addition to the above, an athletic fee of \$1.00 will be charged all students who enter the school beginning with the school term 1917-18.

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labor. Students who fraudulently gain admission to the Night School must, upon discovery of the deception, either enter the Day School or leave the institution.

Trades are assigned as nearly as possible in accordance with the student's desire. In assigning young men and women to a trade, their mental ability to comprehend and physical ability to perform the duties required are carefully considered. Frequently at the beginning of the school year it happens that places in certain of the industries are quickly filled. In such cases applicants for places in these industries are assigned to some other division until a vacancy occurs.

### EXPENSES

The necessary expenses of a student at Tuskegee are small. It is intended, so far as possible, that no diligent, worthy student shall leave the Institute because of a lack of means.

Tuition is free to all students. Charges for board, etc., are:

Entrance fee .....	\$ 10.00
Board per month .....	10.00

Books, estimated for different classes:

Junior Class .....	\$ 4.50
B Middle Class .....	5.30
A Middle Class .....	6.75
Senior Class .....	6.75
A Preparatory .....	3.70
The C and B Preparatory Classes, each .....	2.50

The entrance fee, which is charged over and above all other expenses, as well as the cost of books, must be paid in cash. This fee is not refunded unless for some reason the school does not admit the student.

Day School students are given an opportunity to work out from \$1.50 to \$3.00 per month on their board, thus leaving from \$7.00 to \$8.50 to be paid in cash. The labor of students must be satisfactory in order to be accepted as part payment for board. Economical, enterprising students rarely fail to remain in school, some few of them working out nearly half of the cost of their board. It should be understood, however, that the institution does not guarantee that a student will be able to work out any definite portion of the cost of his schooling. The amount earned will vary according to the value of the work done and the diligence with which the student applies himself. When the work is not productive the student earns nothing.

When students do not settle their accounts by the fifteenth of the

month, they are liable to suspension from their classes until the accounts are paid. It is urged that parents pay students' accounts promptly, since a student who is suspended and required to work for his board, is likely to fall behind in his classes and thus become discouraged and generally unfit for school duties.

With a good outfit of clothing, including uniform, and after providing for books, entrance fee, etc., \$75 to \$80 to be paid in cash for board should be sufficient to carry an industrious student through a term of nine months in the Day School.

Night School students work during the day on the farm or at some other industry and attend school for two hours at night, five nights in the week, for a year or more. In some cases Night School students are permitted to choose and work at their trade while in Night School. Such students are paid for their work according to its value. When their earnings are not sufficient to cover their board, the difference is to be paid in cash.

By putting in full time and doing satisfactory work, Night School students not pursuing a trade have an opportunity to earn the cost of their board, and what may be earned over this amount is placed to their credit in the Institute Treasury to help pay their board as they pursue their studies. In special cases students are given orders on their accounts for books, clothing, etc. Agricultural students alone are permitted to receive a small proportion of their wages in cash.

### CLOTHING

Girls: It is of the greatest importance, not only in the interest of their health, but as an aid in teaching economy and correct ideas of dress, that girls be properly clothed. Every girl entering school should bring with her good shoes, a pair of rubber overshoes, an umbrella and a raincoat. Warm and comfortable underclothing, woolen if possible, should be provided for winter. The institution cannot be responsible for the health of girls not properly clothed.

Young women are required to wear a navy blue uniform dress and hat. Simplicity and economy in matters of dress are insisted upon. The cost of a uniform dress is \$2.25; a hat \$2.00. It is expected that girls in the Day School will provide themselves with gymnastic suits.

In addition to the uniform dress and hat, which all girls are required to purchase, it has been decided that young women must provide themselves with a uniform coat to be made of heavy dark blue woolen material. The cost of this coat will be \$6.75. The coat must be provided upon entering school and may be purchased at the school.



Young women should also bring substantial shirtwaists and school dresses, a good supply of stockings, towels, table napkins, comb, brush, a tooth-brush, toilet soap, shoe polish, writing paper, envelopes, stamps, pen, ink, etc.

They should not bring dresses made of silk, satin, velvet, and fine laces, or valuable jewelry, watches, etc.

Boys: Young men of the Day and Night School are required to provide themselves, on entering, with the full uniform consisting of coat, trousers, and military cap. This regulation is rigidly enforced. The color of the uniform is dark blue, and it may be purchased at the school's Tailor Shop at the bare cost of material and making.

The cost of the uniform for young men is:

Coat .....	\$ 8.50
Trousers .....	5.50
Cap .....	1.50

A uniform made of better and more expensive material can be purchased at the school's Tailor Shop by those desiring it. In the shops, on the farm, and at other industrial work, young men are required to wear overalls with which they must provide themselves. These likewise may be obtained at the school.

Young men should also bring a sufficient supply of serviceable underwear, at least two night shirts, in addition to table napkins, shoe polish, tooth-brush, comb, brush, towels and soap.

### DISCIPLINE

The rules and regulations governing the school are designed to promote the welfare and happiness of all.

Each student is required to have a Bible.

No student is allowed to leave the grounds without permission.

Male students, when permitted to leave the grounds, must wear the regulation uniform.

No young woman is permitted to leave the grounds of the Institute unless accompanied by a lady teacher.

The Institute has adequate facilities for bathing, and all students are required to bathe at stated periods. Separate bath houses, with swimming pools and shower baths, are maintained for young men and women, affording every facility in this regard.

Regular habits of rest and recreation are insisted upon.

The use of intoxicating drinks and tobacco is strictly forbidden.

Dice-playing and card-playing are positively prohibited.

Students are not permitted, while in school, to take part in any political mass meeting or convention.

Students are liable to be dropped for inability to master their



studies, irregularity of attendance, or for any failure, after due notice has been given, to comply with the regulations of the school.

The demerit system has been adopted by the school as the principal method of discipline. Thirty-three and one-third demerit marks constitute a "warning." A student is liable, after receiving three warnings, to suspension or expulsion, according as the Executive Council may determine.

All non-resident students are required to board at the school, unless there is some good reason to the contrary.

Students are not registered for a shorter period than one month; those who leave before the end of the month are charged for a full month's board.

Students who desire to leave the school are required to ask their parents or guardian to write directly to the Principal for permission to do so.

The Dean of the Woman's Department meets the young women of the school every Friday afternoon. The Commandant meets the young men every Saturday evening. These meetings give an opportunity for frank and straightforward statements in regard to the reciprocal duties of the Institute and the student, and serve to correct errors and stimulate a sense of loyalty among the students to the discipline of the school. No student is excused from these meetings except by special permission.

Students who sign a contract to work a specified time at some trade or other work must obtain a release from their contract before application for a permit to leave the school will be considered.

Students under a contract will be punished by formal dismissal for leaving without permission and will forfeit whatever cash there may be to their credit in the school's treasury. Students must settle their accounts before leaving.

Remittances in payment of bills should be sent by Post Office Money Order, Registered Letter, or Check, and made payable to the Principal or Treasurer, and not to the student.

Students are not allowed to retain firearms in their possession. The Commandant of Cadets will take possession and give receipts for any such weapons brought upon the school grounds.

Low or profane language will subject a student to severe discipline. Students are liable to reprimand, confinement or other punishment.

Letter writing is subject to regulation. Students are urged to write to their parents at least once a week.

Wardrobes and rooms of students are at all times subject to inspection and regulation by proper officers; and regular and thorough inspection of same is made from time to time.

## VACATION AND HOLIDAYS

Legal and special holidays are observed.

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Further information, if desired, will be cheerfully furnished by  
ROBERT R. MOTON, Principal,  
Tuskegee Institute, Alabama.

## THE ACADEMIC DEPARTMENT

Every pupil of the Institute is enrolled in the Academic Department. The student body is divided into Day School pupils and Night School pupils. The Night School pupil attends Academic exercises from 6:45 to 8:30 o'clock five evenings every week. The Day School pupil attends Academic exercises three days every week from 9:00 to 12:00 and from 1:30 to 4:00 o'clock. The student is thus alternately one day in school and one day at his or her trade.

The Academic course embraces seven years' work, divided into two periods, one of three and the other of four years. The first three years are given to preparatory work. The remaining four years constitute the Normal Course proper. The year is divided into two terms of about four and one-half months each.

Throughout the entire course there is the closest correlation between the Academic and Industrial Divisions. Much of the work on the days in which the Academic studies are taken is a continuation of the work which is done in the various Industrial Divisions on the other days. This is made possible by the fact that every teacher in the Academic Department visits the Industrial Divisions every week and comes in closest touch with the Industrial teachers and the processes of the various trades.

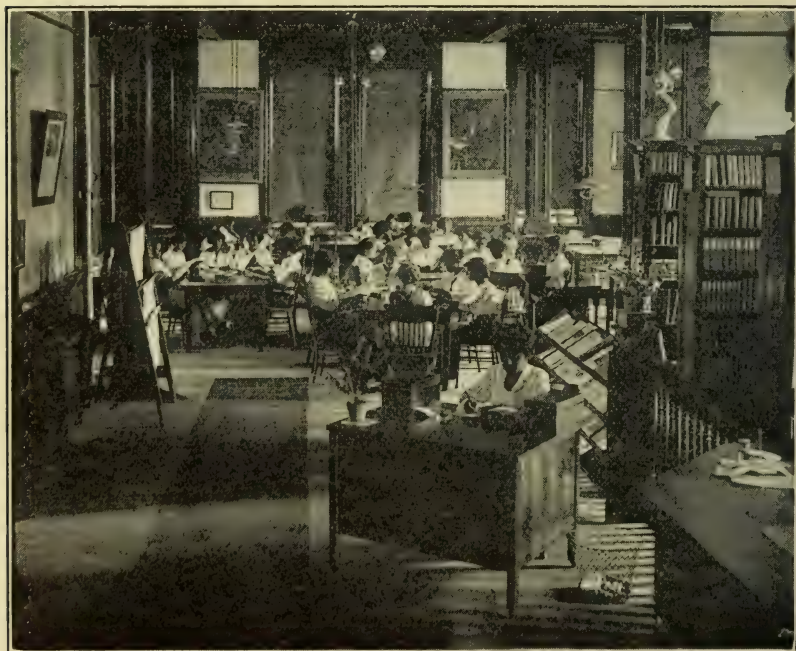
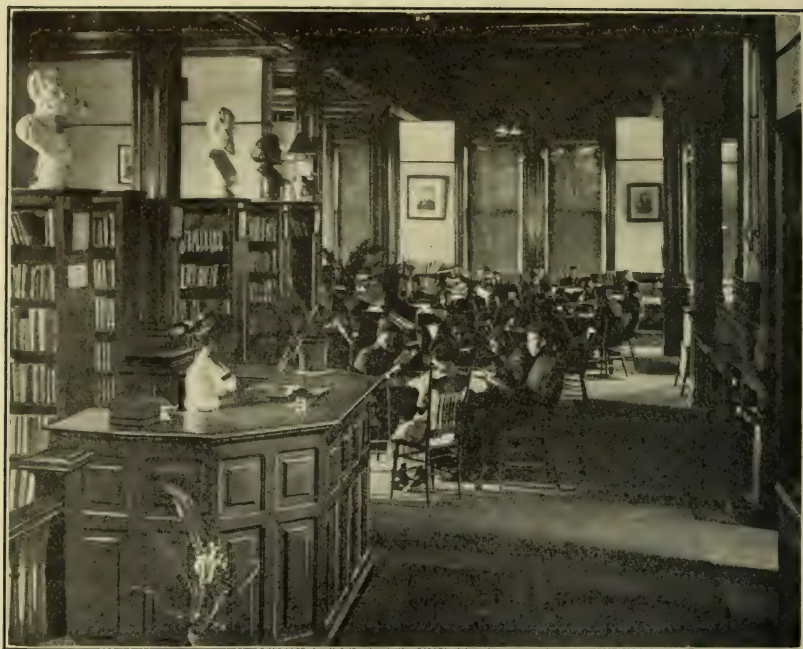
The following is the course of study for the four years of the Normal School proper:

### DAY SCHOOL: JUNIOR CLASS

Reading	Concrete Geometry and Drawing
Grammar	American History
Arithmetic	Hygiene (Half year)
	Agriculture (Half year)
	Gymnastics for girls

### DAY SCHOOL: B MIDDLE CLASS

Reading	Botany (Half year)
Grammar and Composition	Civics (Half year)
Ancient History	Commercial and Industrial Geogra-
Algebra and Applied Arithmetic	phy
	Gymnastics for Girls



TWO INTERIOR VIEWS OF THE CARNEGIE LIBRARY



## DAY SCHOOL: A MIDDLE CLASS

*Required*

Reading including Spelling  
Composition and Rhetoric  
Algebra and Plane Geometry

*Elective*

Bookkeeping  
Physics  
Chemistry  
History of Education (Prerequisite  
for special course for teachers.)

## MODERN HISTORY

## A MIDDLE CLASS

The students of the A Middle Class are required to take five subjects. In addition to the three definite subjects named in the required list, the student shall elect two subjects from the electives. The elective of at least one of these two subjects must be determined by the trade or vocation of the student.

## DAY SCHOOL: SENIOR CLASS

Required: English Composition and Literature.

Elective: Practice at Children's House (half year for teachers). Physics. Psychology (half year for teachers). Methods and Management (half year for teachers). Primary Methods (half year for teachers). Economics and Industrial History. Bookkeeping. Solid Geometry. Chemistry. Negro History.

## SENIOR CLASS

All students in the Senior Class are required to take four subjects. In addition to the one subject (English) named in the required list, the student shall take three other subjects from the list of electives; at least two of such subjects shall be chosen according to the demand of the student's trade or profession.

## ENGLISH

English is taught in every class from the C Preparatory through the Senior. Two themes a month are required of all day students throughout the school year. One of these themes each month is on the student's trade. The purpose here is to intensify the student's knowledge of his trade as well as to cultivate in him the art of expression.

## C PREPARATORY CLASS

First Term: Language study begins. The pupil is taught to express simple ideas gathered from his own experience. The course includes the simple forms of grammar, the use of capitals, punctuation, abbreviations, simple paragraphing and letter writing.

Second Term: The work of the first term continued.

Reader: Elson Reader Book III.

Penniman's New Practical Speller.

**B PREPARATORY CLASS**

**First Term:** In this class more advanced principles of grammar are studied. A student is taught to analyze his own thoughts and is given practice in expression by discussing his trade and the life about him.

**Second Term:** The work of the first term continued.

**Text:** Emerson and Bender, Book I.

**Penniman's New Practical Speller and Word Study.**

**Elson Reader Book II.**

**Memory Gems from Alice and Phoebe Cary.**

**A PREPARATORY CLASS**

**First Term:** The study of grammar is continued; study of rules and definitions concerning grammatical structure of the sentence.

Analysis and inflection are begun, and special rules for the use of the various cases are studied and applied.

**Composition:** Regular and semi-monthly themes. One on the student's trade and one assigned by the English teacher. Attention is given to the development of a paragraph from a given topic sentence; letter writing and general correspondence.

**Second Term:** The work of the first term continued.

**Text:** Emerson and Bender, Book II.

**Penniman's New Practical Speller and Word Study.**

**Reader:** Elson Reader Book V.

**JUNIOR CLASS**

**First Term:** Study of formal grammar continued, including the conjugation, inflection and synopsis of verbs. A careful study is made of phrases and clauses in their different forms and uses.

**Composition:** Regular semi-monthly themes. Writing frequent descriptions and narrations of scenes and incidents from the daily life of the student.

Stress is laid upon the writing of letters, familiar and business letters of application, invitations, formal and informal.

**Second Term:** The work of the first term continued.

**Text:** Emerson and Bender, Book II.

**Reader:** Elson Reader Book VI.

**Penniman's Speller and Word Study.**

**Supplementary Reading:** Longfellow's Evangeline.

**B MIDDLE CLASS**

**First Term:** The study of advanced grammar continued. Special attention is given to the development of words from their roots.

A thorough study of the subjunctive mode and its uses in English.

Composition: Writing of themes on subjects chosen with a view to calling into play and developing the student's imaginative powers. Short essays requiring light research work will be required. Frequent oral and written exercises in exposition and argumentation will be given.

Letter writing given a large place in the composition work.

Second Term: The work of the first term continued.

Text: Reed and Kelloggs' High School Grammar.

Reader: Elson Reader Book VI.

Supplementary Reading: Current Magazines, Periodicals, and Papers.

### A MIDDLE CLASS

First Term: A thorough review of grammar and punctuation. Theory of composition begun. Exercises, oral and written, in restating written and spoken ideas. Exercises in expression of the pupil's own thought by: 1. Description from observation. 2. Narration from experience.

Emphasis laid upon letter writing from the standpoint of its importance as a form of composition.

Study of the paragraph as a unit of composition. Development of the isolated paragraph and the combination of paragraphs that are closely related.

Words studied from the standpoint of their use in expressing different shades of meaning.

Constant practice in writing. Subjects assigned requiring reading and research work in the Library. Essays rigidly marked for grammatical correctness and literary form.

Second Term: The work of the first term continued.

Text: Brooks' English Composition.

Reading: Elson Reader, Book VIII.

### SENIOR CLASS

First Term: Composition continued, English Literature and Public Speaking.

Literature: The aim in this course is to cultivate in the student a taste for the best books and to introduce him to the best models of literary form. To the end the following will be read: Essay on Milton, Macaulay; Self-Reliance, Emerson; Autobiography, Franklin.

Second Term: Composition continued. The following will be read: Milton's Minor Poems, Vicar of Wakefield, Goldsmith; Education for Efficiency, Eliot.

Public Speaking: This course deals with platform manners,

gestures and controlling the voice. Topics of every-day experiences along with the study of biography, history and the general make up of the subject matter, both for written addresses and for extempore speaking.

### POST-GRADUATE ENGLISH

*(Required)*

This course is for students who are taking special work, having been graduated from this school, or some other school of equal standing.

History of American Literature, dealing especially with the early life of the people and the conditions from which their literature sprang.

The following authors will be read: Irving, *Tales of a Traveler*, Poe's *Gold Bug*, Hawthorne's *Twice Told Tales*, and the books required for second grade English examination in the State of Alabama.

### RHETORICALS

Class rhetorical are held in the Junior and B Middle Classes at least once a month.

Class rhetorical are held with the A Middle and Senior Classes throughout the year every two weeks, in the Academic Assembly Room or in the Assembly Room of Tompkins Hall. The material for such exercises is obtained from the industrial and academic studies, and is then organized into themes which, after correction by the teacher, are committed and delivered by the pupils. Public exercises are held before the whole student body on Hallowe'en, Thanksgiving, Christmas, and other occasions.

Literary societies, open to all, meet weekly under the management of the students and the supervision of a committee of academic teachers.

### MATHEMATICS

In every course in mathematics the subject is developed in close relation to its uses in the various trades in which the students are engaged. Actual problems arising in the trade work of the students are brought into the class room for solution. Recitations are by no means confined to mere class-room exercises, but are held in the shops or fields whenever such action is found necessary to the full understanding of a problem under consideration.

The course embraces the following:

For Under-graduates: 1. Arithmetic. 2. Algebra. 3. Concrete Geometry. 4. Plane Geometry.



The course in Arithmetic is largely confined to thorough instruction in the principles underlying the solution of problems of the kind mentioned above.

Algebra is closely correlated with Arithmetic.

The course in Concrete Geometry, required of all Juniors, is designed to give the student systematic instruction in the properties of the ordinary geometrical figures. This course is a necessary preparation for instruction in the trades, and this fact dominates the spirit of the instruction.

In Plane Geometry the most important propositions are demonstrated. These propositions are for the most part grouped about the investigation of the geometry involved in the structure and use of various tools, and in the industrial operations carried on by the students.

In Plane Geometry the most important propositions are demonstrated. Original exercises and practical problems are given throughout the course.

#### C PREPARATORY CLASS

First Term: Review four fundamental processes. Reduction of common fractions. Simple business problems.

Second Term: Fundamental operations with fractions. Applications.

#### B PREPARATORY CLASS

First Term: Addition and subtraction of fractions. Trade problems.

Second Term: Multiplication and division of fractions.

#### A PREPARATORY CLASS

First Term: Least common divisor; factor processes; addition of fractions; subtraction, multiplication, and division of fractions.

Second Term: Continuation of multiplication and division of fractions using denominators having two digits; decimals introduced; addition of decimals; subtraction of fractions; multiplication and division of decimals. Areas of plane surfaces.

#### JUNIOR CLASS

First Term: Rapid review of fractions; decimals; denominate numbers introduced.

Second Term: Denominate numbers; linear, square, cubic, dry and liquid measure; areas of plane figures; volume of rectangular solids; simple percentages.

#### B MIDDLE CLASS

First Term: Rapid review of fractions; percentage; profit and loss; discount; interest; powers and roots; square root; mensuration.

Second Term: Algebra: addition, subtraction, multiplication, division. Simple equation of first degree using the parenthesis.

#### A MIDDLE CLASS

First Term: Review fundamental processes of algebra. Factors and multiples. Addition and subtraction of fractions.

Second Term: Multiplication and division of fractions. Fractional equations. Simultaneous equations. Square root. Cube root. Quadratics.

#### SENIOR CLASS

First Term: Plane geometry. Similar figures. Practical applications.

Second Term: Plane geometry. Circle. Trade problems.

#### ECONOMICS, HISTORY AND GEOGRAPHY

The earth is studied as the habitation of man. The student is led to think of civilization as largely the outcome of physical and geographical conditions. Emphasis in instruction is placed upon actual observation through visits to the surrounding grounds, to the various shops, and to type industries.

#### C PREPARATORY CLASS

First Term: Home Geography; soil, plant growth, gardens, the forests and industries. Direction and location of paths, roads and railroads with reference to the Institute grounds and buildings. Shore forms, seaports and other cities. Tuskegee, Macon County, and the State of Alabama.

Second Term: The earth as a whole; form and size; the continents, seasons and zones. General features of each continent, industries and government. Study of the United States by topics, and of North America as related to other continents, especially Europe.

Text; First Book in Geography, Frye.

#### B PREPARATORY CLASS

First Term: General Geography; physiography of North America in simplest terms; political divisions of North America. Intensive study of the United States as a whole and by topics. New England States; Middle Atlantic States; Southern States; Central States.

Second Term: Western States; Territories and Dependencies of the United States. Countries North of the United States; Countries South of the United States, and the remaining Islands of the West Indies. South America. Intensive study of Argentina, Brazil and Chile.

Text: Tarr & McMurray's Geography, Book II.

## A PREPARATORY CLASS

First Term: Europe. Intensive study of British Empire, Germany, France with reference to the commerce and life of the other nations.

Second Term: Asia. Intensive study of Japan, China, and India. Africa. Intensive study of the Nile Valley, the Congo Basin, Liberia and South Africa. Study of one well organized native kingdom—its arts, markets, political and social organizations. Australia and island groups.

Text: Tarr and McMurray's Geography, Book II.

## HISTORY

History is studied to show the growth of man and the ideals of the nations he has formed. It gives to the student the logic of cause and effect.

## JUNIOR CLASS: AMERICAN HISTORY

First Term: Period of the discovery and naming of America. Explorations and early attempts at settlements, 1492-1607. Colonization of America. French and Indian Wars. The Revolutionary War. The new nation organized.

Second Term: War of 1812. The growth of national feeling; protective tariff and free trade. Slavery and western extension of territory. Tariff and nullification. Slavery and the Civil War. The reconstruction period. The New South. New problems, arbitration, labor troubles, civil service reform, education, expansion.

Text: Leading Facts in American History, Montgomery.

## B MIDDLE CLASS: ANCIENT HISTORY

First Term: The Oriental nations. Greece, Athenian supremacy. The conquests of Alexander the Great. Greek society and learning, industries and government.

Second Term: Rome. Classes of society and class struggles. Land conditions. The last century of the Republic. The Empire. The division and decline of the Empire. Western Europe; the church and monasticism; Mohammed; the Empire of Charlemagne.

## B MIDDLE CLASS: CIVICS

(Half Year)

Second Term: The sources of the Constitution; successive steps in self-government. The duties and responsibilities of citizenship, civic spirit, civic progress, law enforcement and obedience to law.

## B MIDDLE CLASS: COMMERCIAL AND INDUSTRIAL GEOGRAPHY

First Term: A study of general geographic influences with reference to production, agriculture, with cotton as the main study—its production, preparation for market, transportation and manufacture.

Second Term: Foodstuffs, wheat being used as a type study. Clothing and clothing materials. Houses and house materials. Constant study of trade routes, transportation and communication lines, and of exports and imports.

## A MIDDLE CLASS: THE NEGRO IN AFRICA

Throughout the year the class will make a study of Africa, the continent, its resources and political conditions. Especial attention will be given to the natives, their habits of life, their past and present history. Among the topics discussed will be Africa, a land of antiquity; native tribes; Negro kingdoms; native myths, fables, music, writing, industries, arts, religion, modern conditions.

## A MIDDLE CLASS: MODERN HISTORY

First Term: The Age of Revival. Feudalism and Chivalry. The Norman Conquest of England. The Crusades, extent and influence. The formation of modern European nations. The Era of Reformation. Geographical discoveries. The ascendancy of Spain. The Thirty Years' War. The Era of Political Revolution.

Second Term: France under Louis XIV; England under the Stuart kings. England in the eighteenth century. The French Revolution. Economic conditions in France. The world-wide demand for Democracy. Europe since 1815. Expansion in the nineteenth century. The influence of the United States as a world power.

Text: A Short History of Mediaeval and Modern Times.—Myers.

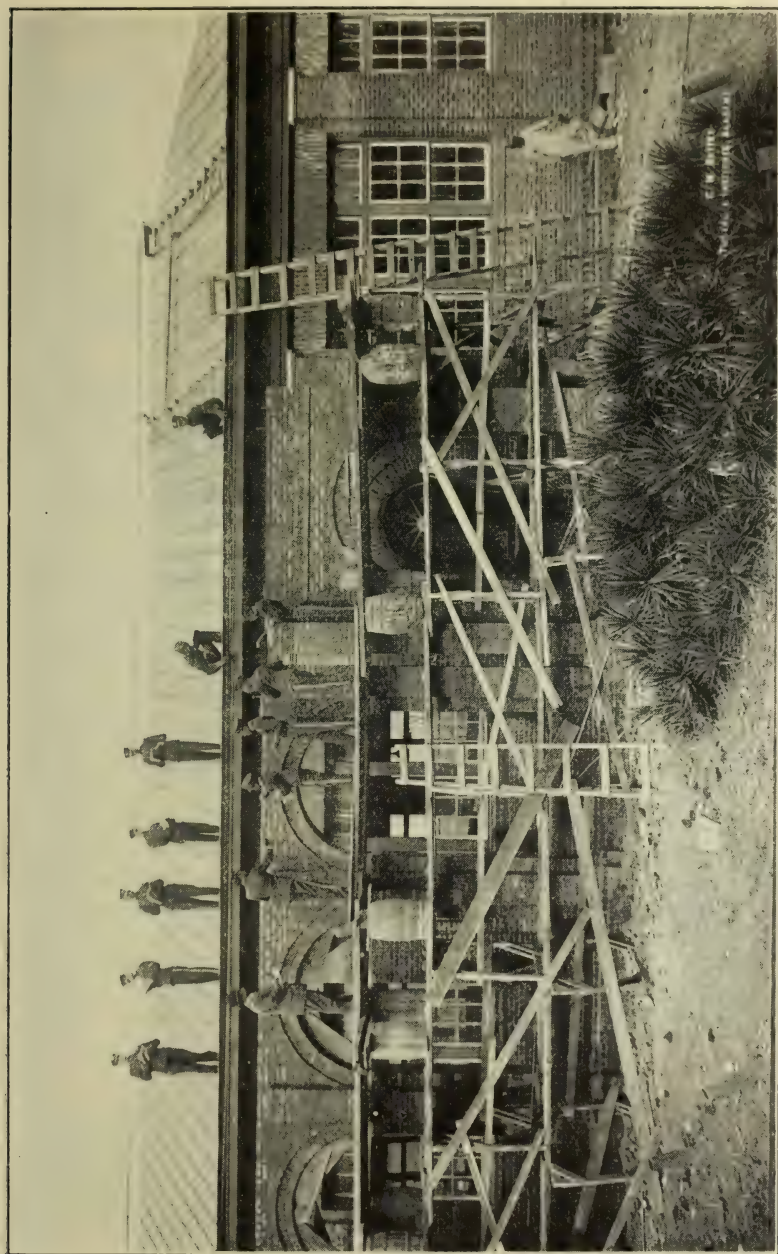
## SENIOR CLASS: THE NEGRO IN AMERICA

First Term: A study of slavery; how instituted; the first slaves. Slavery as a domestic institution, an industrial institution, and political institution. The Underground Railway. Emancipation and Reconstruction.

Second Term: The place of the Negro in American life. His contribution as a sailor and explorer, and as a soldier. The Negro church and school; Negro music and art; the Negro in business. Economic standing of the Negro. Negro uplift.

References: The Census reports; The Story of the Negro—Wash-





A CLASS IN PRACTICAL GEOMETRY

ington; History of the Negro—Brawley; The Negro in American History—Cromwell.

#### SENIOR CLASS: ECONOMICS AND INDUSTRIAL HISTORY

The fundamental principles of Economics are studied in a simple manner. Thrift, efficiency, land ownership, and the proper social and physical environment are emphasized as necessary to a people's progress.

First Term: A study of the early stages of industrial development. Consumption of commodities. Production of utilities. Modern organization of business. Money, credit and banking.

Second Term: Distribution. Value of labor organizations; the standard of living. Socialism; public finance. History of industry; raw material; steam and machinery. Types of industries; problems of living; population; health; race efficiency.

Text: Elementary Principles of Economics, Ely and Wicker.

#### NATURAL SCIENCE

The work consists largely of (1) a series of progressive experiments; (2) solutions of practical problems from the trades; (3) observation work in the shops, in the Experiment Station, and on the school farm.

#### CHEMISTRY: A MIDDLE CLASS

First Term: Elementary Chemistry. Lectures, recitations, and laboratory experiments together with observation and study of local materials affording information on this subject. The laboratory work supplements and closely follows in order the treatment of the subjects in the recitation and lectures, and serves to illustrate the principles. The experiments are made under the immediate supervision of the instructor and include manipulation of simple apparatus, selected qualitative and quantitative experiments, a study of the laws of chemical action and of the properties and preparation of some important elements and compounds.

Second Term: The work of the first term continued.

#### ANALYTICAL CHEMISTRY: SENIOR CLASS

First Term: Qualitative Analysis: This course is given by means of lectures, recitations and laboratory work, the greater portion of the time being given to laboratory work. The course consists of a series of carefully arranged experiments intended to bring out the distinct properties of the various metals and acids with a study of the reactions involved. Special emphasis is placed on the modern theories of equilibrium, ionization, and mass action. Some attention

is given to the qualitative analysis of salts, clays, and boiler scale.

Second Term: The work of the first term continued.

Special Chemistry: This course is offered to the young women of the Senior Class, and covers the chemistry of the industrial substances studied in the Girls' Department.

#### ELEMENTARY PHYSICS: A MIDDLE CLASS

First Term: Mechanics, heat and sound. The first half of the year is given to a thorough and systematic study of the principles and theories underlying these subjects by means of lectures, recitations, and laboratory work. The proximity of the machine shops, engine rooms and dynamo room makes it possible for the greater portion of the laboratory work to be carried on at these places instead of in the laboratory proper, thereby giving the student a chance to weave his theory into actual work.

Second Term: Light; Electricity. The study of the theories and principles of these subjects together with a series of carefully arranged experiments bearing on their practical use.

#### PHYSICS: SENIOR CLASS

First Term: Advanced course in physics, covering mechanics; heat and electricity with reference to trades; and for those students who have finished the elementary course.

Second Term: Physics applied to trades.

#### JUNIOR CLASS: HYGIENE

*(Half Year)*

This course is intended to furnish the student with a thorough knowledge of the necessary conditions for good health by means of stereopticon lectures, recitations and experiments.

Special attention is given to the study of hygienic conditions in and about public and private dwellings. Emphasis is placed on the relation of water, ventilation, sewerage, and lighting to health. Personal hygiene is a feature of the course.

#### JUNIOR CLASS: AGRICULTURE

*(Half Year)*

First Half: Soils in general and how to improve them; formation of soils, soils classified according to formation; agricultural classification of soil; relation of soil to water; preservation of soil moisture; methods of improving the soil by tillage; methods of plowing; prevention of surface washing; terracing; system of terraces.



Manuring in general; when and how to apply manure; barnyard manure; and commercial fertilizer compared; kinds of manure.

Second Half: Fertilizers, general and special; fertilizers, supplying nitrogen; fertilizer supplying potash; fertilizer supplying phosphoric acid. Drainage; kinds of drains; reasons for irrigation; sources for water; farm machinery; manipulating and running machines.

References: "Soils," by Brooks, Lyons and Flippin; Bulletins.

#### B MIDDLE CLASS: BOTANY

*(Half Year)*

The aim of this course is to present matter that will be of the greatest value to the student whose study of the subject must end within a few months. Therefore we have endeavored to bring its study in close touch with the various activities of our school, touching especially agriculture, domestic science, landscape gardening and greenhouse work. The farm, truck garden, orchard, campus, greenhouse, and the native woodlands furnish the basis for study.

#### EDUCATION—SPECIAL COURSE FOR TEACHERS

##### A MIDDLE CLASS

History of Education—One Term. This course is intended to supply the student with the correct notion of what ought to be done in view of the knowledge of what has been done in the past. The great educators, their philosophy and their chief works are examined and compared with a view to forming correct educational ideas. The class room work is supplemented by assigned reading and reports on different topics.

Pedagogy—One Term: A text book for teachers of rural and graded schools. The text in this course may vary from term to term to meet the requirements of the State Board of Education. It will always aim to include, however, some phases of the genetic development of the child, motor, social, moral, etc. During the past year the text was Charter's "Teaching the Common Branches."

##### SENIOR CLASS

General review: Arithmetic, History, Grammar and Geography.

Elementary Psychology—One Term. This is a preliminary survey of the entire field of general psychology and attempts to give an idea of some of its fundamental problems and applications.

Practical Arts: General Course—One Term. The aim of this course



is to acquaint teachers with definite practical arts, projects that can be carried out in elementary schools without special equipment.

### OBSERVATION AND SUPERVISED PRACTICE — ONE TERM

The aim of this course is to give students experience in managing of children and the teaching process. The course includes observation and teaching under the immediate direction of trained teachers in the Kindergarten and first six grades with discussion of lessons observed and taught by students (see the Training School, below).

### PRACTICE TEACHING — SIX WEEKS

The aim of this course is to give students experience in managing and teaching children in the elementary schools, both rural and graded. Teaching is done under the direction, but not necessarily in the presence of the supervisor of practice, that the prospective young teachers may acquire habits of efficiency in teaching and school management.

**EXCEPTIONAL ADVANTAGES:** During the A Middle year those who elect the teacher's course take advantage of the quarterly State teachers' examination held here in the Academic Building. Quite a large number of students have always succeeded in passing these examinations, and thereby securing third-grade certificates before they reach their senior year.

Members of the Senior Class taking this course spend ten weeks of observation and practice at the Children's House. Also, it is from this group of seniors that substitutes are selected to teach, from time to time, in the lower classes in the Academic Department. Once a month the practice teachers have full charge of the Night School, while the regular teachers are attending their monthly educational meeting.

In addition to this practice an arrangement has been entered into with the Macon County Superintendent of Education for a limited number of members of the Senior Class, who have third-grade certificates, to practice six weeks in the Macon County schools. Thirty-four practice teachers were employed in the county schools in the year 1915-1916, and there is a steady increase each year. These young teachers not only acquire valuable knowledge of rural conditions before finally leaving school, but receive from the State small compensation for their work.

### POST-GRADUATE COURSE

Educational Psychology. Pedagogy. English Literature. Magazine Reading; Economics, Politics, History in the Making.

## PRACTICE

Members of the post-graduate course spend a portion of their time in the particular industrial trade which they have elected. They have responsible positions in the Night School as teachers, and their names are carried on the Academic faculty roll.

The Post-graduate course is designed for those who may wish to make a specialty of trade work, and domestic science, or to become more efficient teachers. Candidates for this course must have completed their academic work here, or the equivalent in some other reputable institution.

The course covers two years. A teacher's professional diploma is given where the course has been satisfactorily completed.

## COURSES IN BUSINESS PRACTICE

This course is designed to give the pupils a knowledge of "every-day" business transactions and acquaintance with business papers and terms common to the business world. Practical work in bookkeeping is included in this course.

## A MIDDLE CLASS

First Term: (a) Studies in markets, prices, transportation, making bills and receipts. The basis for this work being such articles as the students use daily in the divisions where they work.

(b) Exercises in elementary double entry bookkeeping; which includes making proper entries in the Journal, posting to the Ledger and taking trial balances.

Second Term: Commercial Law and business papers. The following subjects are studied: banking relations, commercial paper, real estate transactions, including deeds, mortgages, wills; crop and chattel mortgages, taxes, contracts, and insurance hints.

## SENIOR CLASS

First and Second Terms: Bookkeeping; Theory and Practice. Continuation of A Middle bookkeeping introducing inventory, financial statements, profit and loss statement, cash book, sales book, and purchases book.

Opportunity is offered in this course for special studies in bank bookkeeping, corporation bookkeeping, and cost accounting.

## WRITING AND DRAWING

The object of this course is to improve the writing ability of the students. Formal drill is given due attention. The writing books are built up of material of local color, such as sentences and paragraphs on trades and community interests, bills, checks, letter writ-

ing, neat arrangement of arithmetic problems and spelling on paper. Blackboard writing is practiced at stated periods.

A course introducing the fundamentals of free hand drawing is taught in connection with writing.

The pupils are required to buy writing and drawing material.

### PHYSICAL TRAINING

An aim of the course in physical training is to guard and promote the normal physical development of the pupils. The "setting up" exercises in connection with the military drill are required of all the boys by the Commandant.

All girls are required to take not less than two periods a week of systematic exercise in the gymnasium under a special teacher. Talks are given on personal hygiene with special attention to such topics as cleanliness, diet and fresh air. Every effort is made to train the pupils in habits that minister to vigorous health.

Special attention is given to the posture of each individual. The pupils are taught to stand, to sit, and to walk properly.

For all classes outdoor and indoor gymnastics, games and folk dances are planned, *viz.*, basket ball, captain ball, curtain ball, volley ball, tennis, etc. Practice is given in running, jumping, vaulting, etc. The school has a splendid swimming tank which the students are encouraged to use.

For this course each girl is required to have a gymnasium suit consisting of black bloomers, white middie blouse and gymnasium shoes.

### THE TRAINING SCHOOL

The Training School, known as "The Children's House," contains an assembly room, grade rooms, kitchen, dining room, bed room, baths, cloak-rooms, closets, private room for teachers and a room for Manual Training. The whole building is well lighted and ventilated.

The Training School serves a double purpose in the Tuskegee Institute community. It is first a public primary school, covering in its six grades about the same ground as that of the same grades in any good city school. It offers the children of the community the ordinary advantages of the public school, with the additional benefits that come from the various resources of the Institute proper—its library, its social entertainments and its industrial equipment.

The special function of the Training School in its relation to the Institute is, however, that of a practice station for the Normal students who take the course in Education with the view of fitting themselves to be teachers. The educational theories and principles which



are studied as a part of the advanced work of the Academic Department are correlated as far as possible with actual school practice. All students taking these courses are required to observe carefully the work of the Training School from the point of view of teachers, appointment, general school management, courses of study, hygienic and sanitary conditions, and especially the methods of recitation.

It is here the members of the Senior Class do practice teaching for ten weeks.

Courses in separate publication.

### THE KINDERGARTEN

The Kindergarten accommodates about thirty children between the ages of three and seven. Here foundation is laid for the work of the Children's House. In this division, as in others, there is an effort to connect the work which the child does as closely as possible with the life which the child lives or should live at home.

### MUSIC

Considerable attention is given to music at Tuskegee Institute. There are eight pianos and two cabinet organs belonging to this division. There is also a good musical library from which students have the privilege of drawing music for practice.

In addition to the regular instruction in vocal and instrumental technique, good compositions and even some of the musical masterpieces are studied. Special attention is given also to those "Plantation melodies" which represent an interesting and instructive contribution by American Negroes to musical art. These melodies express better than anything else thus far the spiritual life and moral struggles of the Negro people in America. In this spirit they are sung by the choir and the student body.

A charge of \$8.25 per quarter is made for instruction on the piano.

### VOCAL MUSIC: A AND B PREPARATORY CLASSES

#### FIRST YEAR

First Term: All work in the key of C. Explanation of the staff: lines, spaces, Soprano or G Clef, Bass or F Clef. Notes: whole, half, quarter, eighth, sixteenth, thirty-second, sixty-fourth. Writing the scale of C in the Bass and Soprano Clefs. Names, numerals, pitch, syllable. Steps: whole, half; time: 2-2, 2-4, 3-4, 4-4; writing exercises in time; singing easy songs in the key of C; study of rests and different musical expressions; scales of G, D, A, and E; singing songs in the different keys.

Second Term: Singing at first sight in any of the different keys;



board exercises in time writing, rests, notes and a general review of all the work.

A second year's course is given to the members of the Senior Class who are preparing to teach.

### CHOIR

Not less effective than the regular vocal classes is the training in the choir, composed of 150 young men and young women. This choir has one hour's practice each day of the week in singing the very best of classical music, and also in training for the singing of the plantation melodies. Along with the melodies each Sabbath there is rendered at least one selection from one of the best composers, and at Christmas and Easter seasons, the choir renders cantatas arranged for each occasion. These cantatas are elaborate to the extent that an entire evening service of more than one and one-half hour is given up to each.

## INSTRUMENTAL MUSIC

### GRADE I

Matthew's Graded Course, Book I, presents an arrangement of studies and pieces, formed first upon the first five tones of the piano; gradually the exercises grow more difficult, introducing the Bass Clef. Exercises from Mason's Touch and Technic are given with the regular Matthew studies. Other texts used are: Koehler Studies, Op. 150; Czerny, Op. 139, Book I; Easy Melodious Studies, by C. N. Landon; Easy Studies with octaves, Op. 70, Book I, by Bereus; easy pieces by L. E. Orth, Englemann, Streabbog, Baumfelder, Otto, and others. The Major Scales are begun and practiced through two octaves. Arpeggios are introduced through one and two octaves.

### GRADE II

The Second Grade introduces phrasing and style and a readiness of execution. The Major Scales and arpeggios are continued and carried through three octaves. Minor Scales are introduced and practiced through one and two octaves. Studies from Matthew's Book II and in addition, exercises from Mason's "Touch and Technic," Volume II. Other studies and pieces used are: 101 Preparatory Exercises, Op. 261, Book II; Czerny; Gurlitt, Op. 82, Book I; Bursgmuller, Op. 100; selections from Streabbog, Lichner, Reinecke, Schnoll, Oesten, Benedict, Lack, Nevin.

### GRADE III

More stress is laid on an equality of finger movement, speed and brilliancy. Matthew's Book, Grade III, and Mason's Touch and Tech-

nical Exercises, are used in connection with studies of Czerny—octave studies, Op. 533; Loeschorn Op. 52; Heller, Op. 45 and 46; Bach Two-voiced Inventions; selections from Tschaikowski, Wilm, Nevin, Chaminade. Major and Minor Scales in three and four octaves; arpeggios in three and four octaves.

#### GRADE IV

Selection and studies can now be played in a musical way, with regard to speed, smoothness and expression. The practice is (1) mainly slow and firm for establishing the hand; (2) moderate and with finger staccato, for rhythm and brightness of tone; (3) fast and musical.

Technique is developed by scales in four octaves, varying in rhythm, both hands together. Matthew's Book IV is used and musical works from Heller, Czerny, Op. 740; Bach's Two and Three-part Inventions; Kullak Octave Studies, Part I; Sonatas by Mozart, Haydn and Beethoven; selections from W. G. Smith, Thome, Moszkowski, Rathburn, Godard, Chaminade, Nevin, MacDowell, Schumann.

Harmony taught in connection with this grade.

#### GRADE V

Selected technics. Matthew's Book V and VI. Beethoven Sonatas. Preparation of program for public recital. Harmony continued.

#### PRIZES

THE TRINITY CHURCH BOSTON PRIZE was originally twenty-five dollars, and was founded in 1895 by the late Rev. E. Winchester Donald, D. D., rector of Trinity Church, Boston. In 1901 Dr. Donald increased the prize of twenty-five to forty dollars. The prizes have been continued by the present rector of Trinity Church, Dr. Alexander Mann. The original prize is offered as the first prize, and a second prize of fifteen dollars is given. These prizes are awarded to the two students of the Senior and A Middle Classes who deliver the best papers on the subjects assigned for the competition. The subjects assigned for the year 1916-1917 are:

- (1) The Place of Industrial Education in Elementary Education.
- (2) What the War Has Taught the Southern Farmer.
- (3) The Pig Coming into His Own.
- (4) Health Problems of the Negro.
- (5) Industrial Efficiency and the Negro.
- (6) Training for Rural Leadership.
- (7) The Call for Leadership in the Rural Church.
- (8) A Plea for Better Railroad Accommodations for the Negro.
- (9) Agricultural Preparedness.
- (10) Club Work among Colored Women.
- (11) The Rural School Teacher.
- (12) Contributions of Booker T.

Washington to American Education. (13) The Rural Schoolhouse as a Social Center. (14) The South's New Enemy—the Boll Weevil. (15) The South's Opportunity—Factories. (16) Samuel Chapman Armstrong—an Apostle of Freedom. (17) The South and Industrialism—Manufacturing and Mining. (18) The South and Industrialism—Improving Waterways. (19) The South and Industrialism—Extending Railroad Systems. (20) The Farmer's Friend—Diversified Farming. (21) The Farmer's Friend—Cattle Raising. (22) South America, Our New Market. (23) Corn Still King. (24) Women in Men's Jobs. (25) Uncle Sam Financing the Farmers; the Rural Credit Association. (26) Trade Teaching in the City High Schools. (27) The Negro Mechanic and His Opportunities in the South. (28) The Advent of the Automobile. (29) The Needs of the Industrial Schools for Colored Youths. (30) Industrial Efficiency.

For the year 1915-1916 the first prize of twenty-five dollars was awarded to Bernice Ruth Higbee, A Middle Class, and the second prize of fifteen dollars to Helen Anita Taylor, Senior Class.

**THE BELKNAP PRIZE.** This prize, a chest of Carpenter's Tools, was given for many years by the late Mr. William R. Belknap, of Louisville, Kentucky. The prize will be continued by Mrs. William R. Belknap to the student of the A Middle or Senior Class who makes the greatest progress during the year in carpentry or wheelwrighting, and whose deportment and general demeanor are satisfactory.

This prize last year was awarded to Charles Stewart, Senior Class.

**THE JOSEPH R. FRY ANNUAL PRIZE.** A prize of ten dollars was established during 1902 by a Boston gentleman, in memory of his father, Joseph R. Fry, to be awarded to the student, male or female, who makes the most progress at his or her trade and at the same time makes the best record in academic studies. The gentleman establishing this prize has since died, but provision for its perpetuation was made in his will.

This prize was awarded last year to Sybil Leslie, Senior Class.

**THE SUMNER PRIZE** was established by the late Miss Ellen Collins, of New York. Having been much impressed by Mr. Edwin D. Mead's paper on "Peace," and a paper by the same author on "Charles Sumner," she established an annual prize of twenty dollars for the best essay on "Peace" written by a member of the Senior Class, the prize to be known as the "Sumner Prize." The subjects for this year are:

(1) Preparedness, a Menace to Peace. (2) Woman Suffrage and the War. (3) European War and Immigration. (4) Roosevelt and Peace. (5) Militarists and Pacifists. (6) Christianity and the War. (7) Effects of the War upon Commerce and Industry. (8) Following the Red Cross in Europe. (9) Agriculture after the War. (10)



Wilson's Peace Policy and American Neutrality. (11) Recent Efforts toward Peace. (12) Peace and Patriotism.

This prize was awarded last year to Charles H. Gibson, Jr., Senior Class.

**THE CHARLES I. LEVY PRIZE.** This prize of ten dollars was formerly given by Mr. Charles F. Moritz, of Montgomery, Alabama, it being offered this year by Mr. Charles I. Levy, to be awarded to the student in the Nurse Training Division, who writes the best essay on the theory and practice of nursing.

This prize was awarded last year to Mary J. Harris, Senior Class.

**THE LEO STRASSBURGER PRIZES.** These prizes are two of ten dollars each, established by Mr. Leo Strassburger, of Montgomery, Alabama, to be awarded to the two students who make the most progress in vocal and instrumental music, respectively, and whose deportment is satisfactory.

These prizes were awarded last year to Frankie Norris, Junior Class, for vocal music, and to Emily Goins, Junior Class, for instrumental music.

**THE W. GRAHAM TYLER PRIZES.** Mr. W. Graham Tyler, of Philadelphia, Pennsylvania, desiring to encourage students to finish their trades and to stimulate among them greater interest in the trades, has given fifty dollars to be distributed annually in prizes as follows: The first prize of ten dollars to be awarded to the student who does the most perfect industrial work during the year. The second, third, fourth, and fifth prizes of ten dollars each to be awarded to the students of worthy character who exhibit greatest earnestness and diligence at their work. These prizes are to be given only to members of the Senior Class, but the entire record of students during the years they have been in school will be taken into consideration when making the selection for the awards.

Last year these prizes were awarded to Mattie E. Dixon, Annetta Pius, Emmanuel Lisk, Torbert Pace, Calvin Carey.

**THE GENERAL ARMSTRONG PRIZE.** In 1904 Mr. H. V. Perkins, of New York, gave five hundred dollars as an endowment, the proceeds from which each year are to be given as the "General Armstrong Prize," to the student who produces the most painstaking, thorough and best piece of blacksmith workmanship, combined with intelligence of purpose.

This prize was awarded last year to Fred. L. Davis, Senior Class.

**THE JOSEPH O. THOMPSON PRIZE.** For a number of years, Hon. Joseph O. Thompson, of Birmingham, Alabama, has given a gold medal valued at ten dollars to the student of the A Middle Class whose record for the year in industrial and academic work and deportment



has been the most satisfactory. This year the prize consists of a Ten-dollar gold piece.

This prize was awarded last year to Catherine Watkins, A Middle Class.

**THE MERCANTILE PAPER COMPANY PRIZE.** This is a prize of ten dollars established by the Mercantile Paper Company, of Montgomery, Alabama, to be awarded to the student of the A Middle Class who prepares the best paper on the "Care of Live Stock," and whose work for the year in this division is most satisfactory.

This prize was awarded last year to Sylvester Davis, A Middle Class.

**THE ELBERT WILLIAMS PRIZE.** Mr. Elbert Williams, formerly band-master at this institution, and of the Twenty-fifth United States Infantry, has established an annual prize of five dollars, to be given to the student of the band or orchestra, of the Senior Class, who makes the most progress in Instrumental Music.

This prize was awarded last year to Arnold W. Lee, Senior Class.

**THE FOSTER JONES PRIZE.** Mrs. Maggie Foster Jones, of Asheville, North Carolina, formerly a student of the A Middle Class of Tuskegee Institute, offers to give each year a Gold Medal, to be awarded to the student who is the most competent seamstress and dressmaker.

This prize was awarded last year to Mattie Harper, Senior Class.

**THE FUNK AND WAGNALLS PRIZE.** This is a prize of a morocco-bound copy of the latest edition of the Standard Dictionary of the English language, valued at twenty-five dollars, offered by Funk and Wagnalls Company, of New York, publishers, to the student of the A Middle Class who writes the best essay upon a subject assigned for the competition.

This prize was awarded last year to Lydia Taylor, A Middle Class.

**THE LOEB HARDWARE COMPANY'S PRIZE.** The Loeb Hardware Company, of Montgomery, Alabama, offers a prize consisting of a Champion Electrical Screw Plate to be awarded to the student who makes the best record during the year in the Blacksmithing and Wheelwrighting Divisions.

This prize was awarded last year to Matthew Gray, B Middle Class.

**THE MASON PRIZE.** Mrs. Charles E. Mason, of Boston, Massachusetts, offers two prizes of ten and five dollars each, to be awarded, first to the Senior or Middle nurse who makes the best record during the year in deportment, general neatness, and cleanliness in person, wards and chart records, ten dollars. Second, to the nurse of any class who makes the highest average in studies during the year, five dollars.

Last year these prizes were awarded to Edmund W. S. Kamnqa,

Senior Class, and Pauline H. Hewlett, A Middle Class. A special hospital prize was awarded to Erlyne G. Peters, Junior Class.

**THE NATHAN BIJUR PRIZE.** Judge Nathan Bijur, of New York City, offers two prizes of ten dollars each, to be awarded to the two students who write the best papers on a subject assigned for competition.

These prizes were awarded last year to Herbert Gaillard and Lillian Cunningham, both of the Senior Class.

**THE E. P. ROBERTS PRIZE.** This is a prize of ten dollars offered by Dr. E. P. Roberts, a practicing physician of New York City, to the student who does the most satisfactory work for the year in the Physical Training Division.

This prize was awarded last year to Sallie Philpot, of the Senior Class.

**THE ELIZABETH NEALL WILLCOX PRIZES.** Mrs. Mary Otis Willcox of Staten Island, New York, has given seventy-five dollars to establish prizes in the name of her daughter to be known as the Elizabeth Neall Willcox prizes. This money for 1916-17 is to be awarded to girls of the Senior and A Middle Classes, as follows: A first prize of twenty dollars and a second prize of ten dollars to girls who make in one year the most improvement in the preparation and serving of food; a prize of ten dollars to the girl who makes the best application of laundry methods and who writes the best paper on "How to Remove Drudgery from Home Laundering;" a prize of ten dollars to the girl who shows the greatest intelligence in keeping the household in repair such as renovating mattresses, reseating chairs, upholstering furniture, etc.; a prize of ten dollars to the girl who most satisfactorily adapts herself to all of the various Household Industries; a prize of fifteen dollars to the girl who makes the best application of the principles of "home making" during her stay at the Senior Practice Cottage.

Last year these prizes were awarded to Corinne Johnson, Martha Butler, Evelyn Mahone, Sallie Philpot, and Juanita Conyers, all of the Senior Class.

**THE CHARLES EISENMAN PRIZES.** To encourage students to study Agriculture, Mr. Charles Eisenman, of Cleveland, Ohio, has given fifty dollars to be divided into five prizes of ten dollars each, to be awarded as follows: (1) Ten dollars to the student taking farming who has the highest record in the division and writes the best composition on "How to Manage a 100 Acre Farm." (2) Ten dollars to the student in fruit growing who has the highest record in the division and writes the best composition on "The Care of an Orchard." (3) Ten dollars to the student in the Truck Garden who has the

highest record in the division and who writes the best composition on "The Management of a Hot Bed and a Cold Frame for Best Results." (4) Ten dollars to the student taking Dairy Husbandry who has the highest record in the division and who writes the best composition on "The Successful Management of a Dairy Herd." (5) Ten dollars to the student taking Horse and Mule Raising who has the highest record in the division and who writes the best composition on "Feeding Horses and Mules."

Last year these prizes were awarded to Layman Britt, Junior Class; Otis Holmes, B Preparatory Class; Charles Casterman, B Middle Class; Frank Ingraham, Senior Class; Alphonso Sellers, A Middle Class.

**THE WILLIAM J. SCHIEFFELIN PRIZES.** To encourage students to put forth the greatest economy in the use of fuel at the Institute Power Plant and to keep the boilers in the best condition as the work touches that of firemen, and for general superiority in boiler management, Dr. William J. Schieffelin, of New York, offers two prizes, a first prize of twelve dollars and a second prize of eight dollars to be awarded to the two students who demonstrate the greatest ability in the directions named above.

Last year these prizes were awarded to Ralph Rackard, A Middle Class, and William Rhemes, Junior Class.

**THE WILLIAM M. SCOTT PRIZES.** To encourage students to put forth the greatest effort to operate most economically the machinery in the Institute Power Plant, which includes the best results in firing, the greatest economy in the consumption of steam and electric current, the most satisfactory condition of the machinery, and the cleanliness of surroundings, Mr. William M. Scott, of Philadelphia, Pennsylvania, offers fifty dollars to be awarded as follows: (1) Ten dollars to the student making the best record in steam boiler management and economic fuel consumption. (2) Ten dollars to the student making the best record in steam engine operation and repairing of steam machinery. (3) Ten dollars to the student showing the most interest in the care and operation of pumping machinery. (4) Five dollars to the student having the most cleanly surroundings in boiler or engine room. (5) Ten dollars to the chief dynamo attendant for the greatest interest shown and the most efficient service performed. (6) Five dollars to the assistant dynamo attendant making the most progress in dynamo and switch board operation.

Last year these prizes were awarded to Allen Hollowell, C Preparatory Class; Amos Saunders, A Middle Class; John Wilson, Senior Class; Charles Blackwood, Post-graduate Class, and James McGowan, Junior Class.

THE E. DAVIDSON WASHINGTON PRIZES. In order to encourage and stimulate a further interest among the student singers to remain in the Choir and to attend regularly and faithfully the rehearsals, Mr. E. Davidson Washington offers fifteen dollars to be divided into two equal prizes, to be awarded to the boy and girl who most nearly meet the requirements stated.

These prizes were awarded last year to Leroy Brown, A Preparatory Class and Beulah Walls, Senior Class.



## PHELPS HALL BIBLE TRAINING SCHOOL

The general progress of the Negro requires that the efficiency of the minister and the church must be increased to keep pace with the progress of the people. The preacher must have a better knowledge of his duties and opportunities, must have a better equipment for good service and the church must improve its organization and methods for reaching and influencing the ordinary man. The Bible Training School, opened in 1892, is conducted to meet this need. Courses are arranged not only for candidates for the Ministry, but for Sunday School Workers, Social Workers, and all or any who must in any way deal with problems of religious, moral, and social advancement.

### PLAN OF THE WORK

The department lays special emphasis upon training men and women for service in the rural districts and industrial communities. The Bible as the chief text is used to throw light upon the problems of life, and actual experience is gained through direct contact with the life of the school and surrounding community. The teaching is wholly undenominational. Students are given to know and understand the doctrines and organization of their denomination without any attempt to oppose or change their views on these subjects. The sole object is to make him more useful in whatever denomination he serves.

### PHELPS HALL

Phelps Hall, the building in which the school is taught, was given by a generous New York friend. It is a frame structure, three stories high, exclusive of basement or attic. The first floor contains the Chapel, Library and Reading Room, the Dean's office and three recitation rooms. The two upper floors are used for sleeping apartments.

### STUDENTS AND GRADUATES

The Bible Training School since its establishment has enrolled more than 1,300 students. Of this number 128 have completed the full course and more than 500 have taken from one to two years or more of the course. Many of these are now serving as preachers and pastors in the various denominations throughout the South, some of them

in the vicinity of the Institute. Others are serving as Sunday School workers and assisting in other forms of religious work. Some, with the ministry in view, are pursuing further studies in other institutions.

#### ADMISSION

Applicants must be members in good standing of some church and should bring letters to that effect from their pastor or other authority. Candidates for a certificate should be able to read and write with reasonable ease and understanding. Candidates for a diploma must be able to pass an eighth grade examination. Those who cannot do so can take the necessary academic studies along with Bible studies until they are prepared for advanced work.

#### WOMEN

The increasing activity and peculiar fitness of women for social and religious work make it desirable to enable them to secure adequate training for such service. A large field is before them as deaconesses and matrons in schools, reform institutions and prisons. This department is open to women for training in these directions on equal terms with men, and courses are given which bear directly on the work they must perform. Persons over 18 years of age are eligible for admission.

#### EXPENSES

The entrance fee is \$10, which must be paid in cash. The cost of board, which includes furnished room and laundry, is \$10.00 per month, but a large part or all of this may be paid in labor. When students run in debt their accounts are to be settled in labor or in cash before being excused to leave school. Books require about \$3.00 each year.

#### INDUSTRIAL WORK

Students who have no money with which to pay their board are given an opportunity to earn the expense of board by their work, provided they put in the required time and their work is satisfactory. Lack of money to pay board should not keep any earnest and industrious person from entering the Bible School.

Young men as a rule are assigned work in some division of the Agricultural Department and not at regular trade work. The young women as a rule are assigned to some division of house work and not at the regular trade work. It is so arranged that the industrial work will not interfere with their Bible or Academic class-room

studies. If a student is not afraid of hard work and hard study he will succeed.

If students wish to take mechanical trade work, while pursuing the course in the Bible Training School, they will be given permission to do so, provided they pay their board in cash, just as other day school students do. They will, however, be given credit for whatever work they do of value, which will help reduce the cash payment for board each month.

### COURSES OF STUDY

The courses of study include History, Bible, Preaching, Christian Service and Christian Doctrine. They aim to give knowledge in explaining the Scriptures, understanding of their spirit and teaching, and practical drill in the best methods used in and about Tuskegee for making the church a useful and effective agent in the improvement of all phases of life.

#### HISTORY

The course in history gives knowledge of the origin and progress of the church and its chief denominations; the origin and development of the Bible, the geography of the Bible, the life, times, customs and manners referred to in the Scripture narrative; and other matter that throws light from the outside upon the meaning of the text and the character of the work for which the church is fitted.

#### BIBLE

The course in Bible deals directly with the English Bible. It aims to make the student familiar with all its contents and make them available for instruction and inspiration in all the duties and activities of life. In this course the Bible is covered thoroughly twice; first, to become familiar with the narrative; the second time to discover its deeper lessons and teachings.

#### CHRISTIAN SERVICE

In this course the student becomes familiar with those organized and systematic movements for the improvement of personal, home and community life that may be fostered and conducted by the church. In addition to the text-book matter the student is brought into first hand acquaintance with the problems of this field by actually dealing with them in the homes and churches in the neighborhood of the Institute. Through special arrangement with the churches, the students of the Bible Training School are given practical experience in Sunday school and church work in the regular services of the

Sabbath and during the week. In the same way they are admitted into the homes of the community and there aid in solving practical problems of home life as they arise through the year.

### CHRISTIAN DOCTRINE

In this course the student is led to discover the teachings of Christian faith touching the fundamental interests of life. A survey of real life and everyday experiences is made and the Bible is used to afford light and truth for shaping ideals and conduct. The course aims to provide the student with a simple, clear, life-giving message for the inspiration and guidance of the plain man of the streets.

### PREACHING

The study and drill under this head cover preaching, public speaking and music. The course in preaching is directed toward making the student a strong, convincing, helpful preacher of the good tidings brought by Jesus Christ. The course in music will enable those who take it to read notes readily and to take the lead in singing wherever necessary.

Public speaking aims to equip the student with a clear, forceful style of address upon other than strictly religious subjects. The increasing activity of preachers in other fields than the church demands of him a platform style in addition to the style common to the pulpit. Emphasis is laid in both branches upon the development of a fluent off-hand delivery without manuscript and in short addresses, without notes.

## OUTLINE OF COURSES

### JUNIOR YEAR

The work of the first or Junior Year of the Bible School is devoted to laying a foundation of facts concerning religion, the Bible and the work of the church. It is arranged as follows:

History: Introduction to the English Bible.

Bible: Old Testament Stories, Characters, and Literature. Life and Teachings of Jesus. Early History and Letters of the Church.

Preaching: Reading and Memorizing of Scripture. Brief Talks on Familiar Subjects.

Christian Service: Sunday School Work, including Organization and Management; Teaching Methods; and Practical Training in local Sunday Schools.

### MIDDLE YEAR

The Middle Year begins a thorough study of the message and



work of the Christian Workers, using materials gathered the first year, together with new matter.

History: Bible Manners and Custom. Life and Times of the Bible.

Bible: Old Testament History—Its Personal and Social Messages.

Preaching: Composition and Delivery of Sermons. Extended Talks from Notes.

Christian Service: Organization of the Church, Methods of Church Work, Public Worship, Church Music, Prayer Meeting, Young People's Societies, Missionary Activities, Building, Finances, etc. Emphasis on the Rural Church.

Christian Doctrine: God—His Nature, His Character, His Purpose in the World. Man—His Origin and Nature, His Work, His Destiny. Sin—Its Nature and Effects; Terms of Salvation; Theology of Evangelism.

#### SENIOR YEAR

The third year completes the work begun in the second year, is a direct continuation of it.

History: General Survey of Church History.

Bible: Detailed Study of the Life and Teachings of Jesus. Apostolic Church History; Analysis of The Epistles and The Apocalypse.

Preaching: Extemporaneous Preaching and Speaking. Pulpit Supply in Local Churches.

Christian Service: The Home and Social Relations. Organizations and Methods for Social Improvement. Rural Sociology.

Christian Doctrine: Christian Experience; Christian Ethics. Person and Work of Christ; Person and Work of the Holy Spirit. The Sacraments. The Pastorate.

#### DIPLOMA

The regular course is covered in three full years of Bible study and leads to a diploma or certificate. A diploma is granted to those students who have completed, in addition to the course of Bible studies, a minimum requirement of Academic studies through the Senior Academic Year. This Academic requirement includes four subjects through the B Preparatory, A Preparatory, Junior, and B Middle Years and three subjects during the A Middle and Senior Years. The courses in the two departments are so arranged that students may pursue the studies of both departments at the same time without interruption or conflict.

#### CERTIFICATE

A certificate is granted to those students who have not completed either in Tuskegee Institute or some other institution, the academic

work required for a diploma, but have successfully completed the three years of Bible study.

### POST-GRADUATE COURSE

Every year there comes to the Institute a number of requests for workers in various lines of social service, the demand being especially large for social workers in industrial communities. Courses of study have been arranged in a post-graduate department for advanced students that will provide such persons with the training in actual service that will fit them to acceptably fill these places. Tuskegee Institute, through its Extension Department, maintains a wide variety of activities. The post-graduate students have the opportunity of serving in these lines of endeavor under the direction of the faculty of the Bible Training School. The course is designed to cover two years of study and practice, but in cases where the student's previous training may warrant, this period may be reduced. Full information concerning these courses is contained in a separate announcement, which will be sent on application.

### LECTURES

A lecture course, conducted since the founding of the school, is arranged to give the students the benefit of the knowledge and experience of ministers and laymen who have had notable success in directing church work and other activities which may engage the attention of ministers and social workers.

### MACON COUNTY MINISTERS' UNION

The Macon County Ministers' Union is an organization of the pastors and preachers of the county in which the Institute is located. It meets once each quarter in the Chapel of the Phelps Hall Bible Training School. The Dean of the Bible School is the President of the Union. Through this organization the School is kept in touch with the religious life of the people of the county, and the students of the Bible Training School come to know intimately the problems and methods in use in the churches. Many of these pastors are graduates of the Bible School and their successes as reported in these meetings prove both helpful and inspiring.

## DEPARTMENT OF MECHANICAL INDUSTRIES

### SLATER-ARMSTRONG MEMORIAL TRADES BUILDING

The Slater-Armstrong Memorial (Boys' Trades) Building, in which the mechanical shops are located, is an attractive and impressive brick building situated a little west of the center of the campus. It is 283x315 feet in its greatest dimensions and accommodates all the mechanical industries excepting the saw-mill, electric lighting apparatus, and boilers, which are separately housed, and the brick-yard.

In general plan the building is arranged about the four sides of a central court, with cross wings 37x60 feet at each corner. Thus three sides of the entire building are amply supplied with windows, giving an abundance of light and air. The front and side wings are two stories high. There are twenty large rooms, each provided with lockers for coats, cabinets for tools, and class rooms fitted with desks, blackboards, charts, and materials for teaching the theory of the various trades. The building is thoroughly heated, partly by steam, and entirely lighted by electricity.

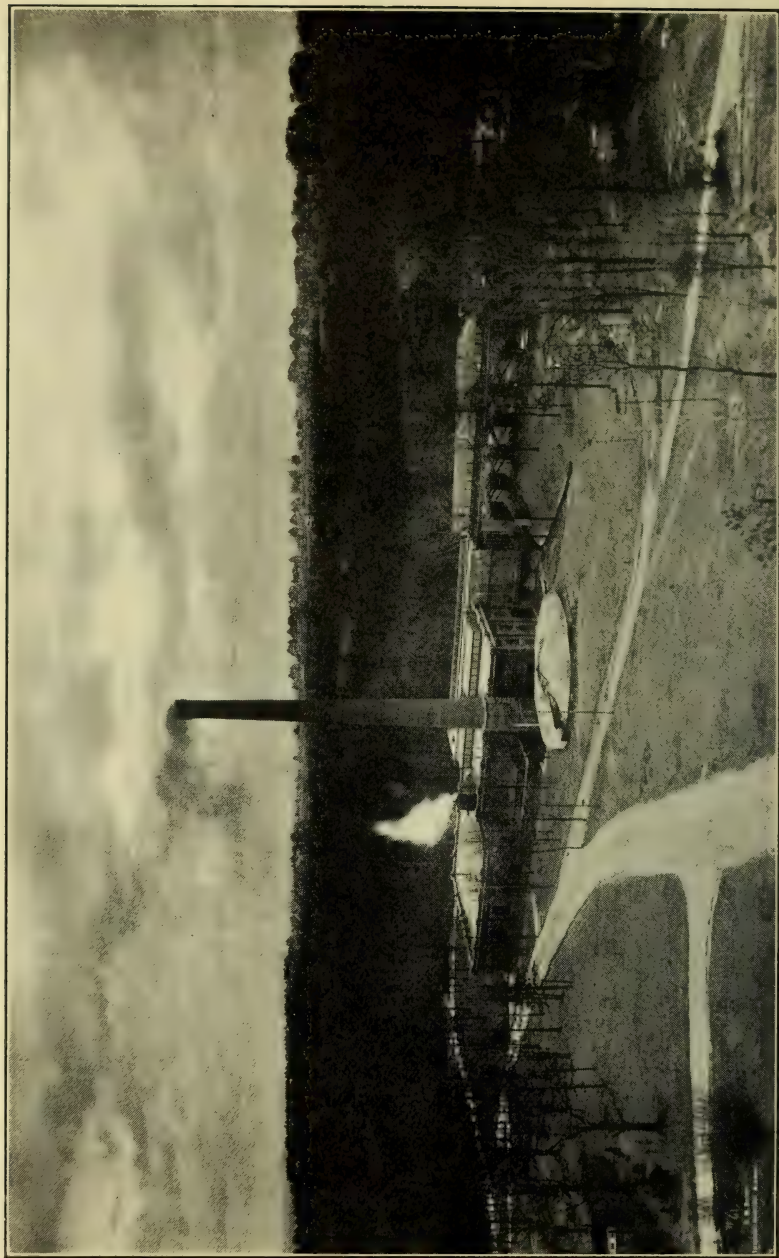
The electrical apparatus which generates the electric current for lighting and power purposes, the boilers, engines, compressors and other machinery which supply water, steam for heating, cooking, etc., are located in the Power House, a new building which was recently completed.

The Power House is 110x192 feet, and is equipped with machinery which is more specifically set forth in other places in the catalogue. It is a brick structure, with concrete floors, brick fire walls, and reinforced concrete coal bunkers, the bunkers having a capacity of eleven hundred tons. By means of a trestle the railroad tracks extend over the roof of the coal bunkers, thus permitting coal to be dumped directly into the bunkers. The roof of the Power House excepting that of the coal bunkers is covered with tar and gravel roofing. In appearance, convenience and equipment the Power House is one of the most complete and modern in the country.

### TRADES TAUGHT

This department includes industries mainly for young men. Since there are few schools which offer to young colored men thorough





THE NEW POWER PLANT — SUPPLIES WATER, HEAT AND LIGHT



instruction in the mechanical trades, and the opportunities to serve as apprentices are rapidly passing away, this department offers a rare chance for those seeking such advantages. In arranging the various courses of study, the following purposes are kept constantly in view:

1. To inculcate the dignity of labor.
2. To enable every student to learn a trade.
3. To supply the demand for trained industrial leaders.
4. To assist students in paying all or a part of their expenses, while in school.

The following trades and industries are taught: Architectural Drawing, Mechanical Drawing, Carpentry, Woodturning, Sawmilling, Carpentry Repair, Brickmasonry, Plastering and Tile Setting, Tinsmithing, House and Sign Painting, Coach and Furniture Painting, Plumbing and Steamfitting, Wheelwrighting, Blacksmithing and Horse-shoeing, Harnessmaking and Carriage-trimming, Shoemaking, Machine Shop Practice and Steam Engineering, Automobile Repairing, Applied Electricity, Tailoring, Printing, Brickmaking, Bookkeeping and Accounting, as applied to the trades; Photographic Instruction and Founding.

### POST-GRADUATE COURSES OF STUDY

To graduates of this institution, and others who have had at least an equivalent amount of training, advanced courses of study in the several trades are offered.

The aim of these courses is to give a thorough and intimate knowledge of the theory underlying the trades, as well as to afford special opportunities for doing active, operative trade work. The rules governing Post-graduates and the Post-graduate courses are referred to elsewhere in the catalogue.

### INDUSTRIAL CLASSES

Industrial classes are held at stated periods each week. The purpose of these classes is to study the abstract principle underlying the trades in a systematic manner. Students are required to keep note books, write compositions, read trades journals, and reference books bearing on their trades.

## GENERAL OUTLINE

OF TRADE GROUPS AND LECTURES IN THE DEPARTMENT OF MECHANICAL INDUSTRIES, BEING A STUDY OF ESSENTIAL PROBLEMS WHICH MUTUALLY CONCERN THE TRADES IN THEIR SEVERAL RELATIONS.

Allied Building Trades—Group No. 1:

- Carpentry.
- Brickmasonry.
- Plastering and Tile Setting.
- Tinsmithing.
- Plumbing.
- Painting.

Group lecture of 60 minutes by trade teachers every six weeks.

Allied Metal Trades—Group No. 2:

- Steam Engineering.
- Applied Electricity.
- Machine Shop Practice.
- Steam Fitting.
- Auto Mechanics.
- Foundry.

Group lecture of 60 minutes by trade teachers every six weeks.

Allied Vehicle Building Trades—Group No. 3:

- Wheelwrighting.
- Blacksmithing.
- Vehicle Painting.
- Carriage Trimming.

Group lecture of 60 minutes by trade teachers every nine weeks.

Allied Leather Trades—Group No. 4:

- Shoemaking.
- Harnessmaking.

Group lecture of 60 minutes by trade teachers every sixteen weeks.

Miscellaneous—Group No. 5:

- (a) Tailoring.
- (b) Mechanical Drawing.
- (c) Mechanical Supply.

Separate group lectures of 60 minutes by trade teachers in (a) and (b) every sixteen weeks, and (c) every nine weeks.

## ARCHITECTURAL DRAWING

This course aims to give thorough instruction in architectural draftsmanship, building construction and design. In arranging this

course, both the theoretical and practical sides of building are given special attention. This is made possible by the numerous building operations more or less constantly under way.

The instruction in theory and the practice afforded proceed hand in hand. Throughout the course the students work upon problems, and proceed by methods which are similar to those which enter into the experience of the practicing architect.

The course covers four years, and is not open to students below the Junior Class in the Academic Department.

#### FIRST YEAR

First Term. Free-hand Lettering; Simple Projection; Tracing; Blueprinting; Geometrical Problems in Construction.

Second Term. Free-hand Drawing; Orders of Architecture; Plan Drawing to Scale; Working Drawings; Detail Drawings to Scale.

#### SECOND YEAR

First Term. Wood Construction; Masonry and Metal Construction; Perspective Sketching.

Second Term. Architectural Perspective; Requirements and Planning of Buildings; Sanitary Construction.

#### THIRD YEAR

First Term. Architectural Designing; Heating, Ventilating of Buildings; Elective Monthly Problems in Design.

Second Term. Electric Lighting; Superintendence and Estimates; Specifications; Estimates and Contracts; Use of the Architect's Level; Elective Monthly Problems in Design.

#### FOURTH YEAR

First Term. Advanced Design and Construction; Graphic Statics; Elective Monthly Problems.

Second Term. Designing Wooden Roof Trusses; Mill and Slow Burning Construction; Elective Monthly Problems.

#### MECHANICAL DRAWING

Mechanical Drawing is an important essential in the trade work. In the shops, students work from drawings, either prepared by themselves or by others, and no student is granted a certificate in a trade unless his work in mechanical drawing is satisfactory.

The work is arranged with the view of giving the student a thorough knowledge of free-hand sketching, a general understanding of working drawings, and a practical application of rules used in the

drawing room to the objects found in the shops, thus preparing the student to read intelligently drawings placed before him and to make his own drawings of proposed work.

The drawing room is situated on the second floor of the Trades Building, in a large, well-lighted room, 37x80 feet. It contains forty-five tables, 30x40 inches on top and 36 inches high. Each table is provided with one drawer to hold drawing material used by the student. A filing case in which students' drawings are kept is also in the room. There is a complete apparatus for making blue prints. Each student is furnished with a set of drawing instruments, a board, a T-square, two triangles, a rule, ink and paper. Students are required to provide themselves with drawing pencils and thumb tacks, the cost of which is fifteen cents.

Method of Instruction: All students in the Day School or Night School who are in the Mechanical Department, are required to take instruction in this division. The work of the first year is largely preparatory. It begins with simple geometrical drawing to familiarize the student with the drawing instruments, and to teach him accuracy and neatness. This is followed by work in projection, which finds application in scale drawing of simple objects.

The student is required to make satisfactory, carefully dimensioned, free-hand sketches from the measurements taken by himself of the complete object and its parts. Lectures and blackboard exercises are regularly given as part of the instruction.

As soon as a fair knowledge of the instruments has been attained, a thorough drill is given in projection drawing, in which free-hand sketches are made and measurements taken, these sketches being converted into scale drawings.

The study of design is carried only far enough to secure an understanding of the principles, facility and accuracy in the construction of drawing plans, drafts, and assembly drawing. In the exercises in designing, the student makes, first, a sketch plan of the thing proposed, then constructs a scale drawing, carrying its development into minor details. The course of study is as follows:

First Year. Names and uses of instruments; lettering, construction of plane geometrical problems; simple projection; explanation of scales; objects drawn from scale; free-hand sketching.

Second Year. Advanced projection; lettering, working drawings; tracing; detail drawing, materials, blue printing, free-hand sketching, isometric drawing.

Third Year. Problems in construction; drafting; detail drawings; materials, working drawings, design; free-hand sketching.

Fourth Year. Design; advanced problems in drafting and construc-



tion; specifications and contracts; estimates and bills of material.

Fifth Year. Problems in design; superintending construction; problems in drafting and in construction.

NOTE.—Students who have had no instruction in mechanical drawing, even though they make a high academic class will be required to enter the first-year class in drawing.

### CARPENTRY

The course in carpentry covers three years, embracing instruction in the following branches of trades: House carpentry, joinery, cabinet-making and the operation of wood-working machinery.

By reason of the large amount of productive work constantly on hand, exceptional opportunities are afforded to get acquainted with practical work, and the use of drawings illustrating the same. Competent instructors are in charge of each branch, and the shops are supplied with necessary tools, benches, machinery and other apparatus. The shops have a floor space of 9,000 square feet, and are well lighted and ventilated.

#### FIRST YEAR

First Term: Care of shop; names of tools; care and use of tools; study of materials; lessons in sawing, leveling, beveling, plumbing and squaring.

Second Term: Setting fence posts; building fences; making plain tables, washstands, plain window and door frames; screening; shop work or outside building; use of rip saw, planer and band saw.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: Review of first year's work; work on newels, hand-rails, mantels; names of mouldings and their uses; building pulley window frames for frame and brick buildings; lengths and levels; cutting and placing sills, joists, girders and studding; framing look-outs.

Second Term: Getting lengths and cutting common hip and valley rafters; truss construction; framing gutters; getting lengths of braces; setting window and door frames; putting on water table, corner boards, weather boarding; putting on cornice; shingling; laying flooring; ceiling; putting on grounds; wainscoting; forming panels; names and uses of wood-working machines; brazing apparatus and its use; wood-turning; setting and sharpening circular and band saws.

Industrial classes and mechanical drawing during the year.

## THIRD YEAR

First Term: Review of second year's work; inside work on frame and brick houses such as laying floors, ceiling, wainscoting; forming panels; hanging sashes and doors; putting on locks and other hardware; finishing porches and cornices; stairway construction; wood turning and machine work.

Second Term: Stairway construction; cabinet making, such as office desks, office files, library tables and book cases; installation of machines; specifications; estimating; contracts; making out bills of material; woodturning and machine work.

Industrial classes, mechanical drawing and current trade events during the year.

## WOOD-WORKING MACHINERY

First Term: Names and uses of machines; names and uses of tools; care of machines; sharpening edge and turning tools; brazing apparatus and its uses; brazing band saws; filing and setting band saws; practice on band and circle saws; shaper, mortising and wood-working machinery.

Second Term: Care of machines and tools; lathe work; making moulding on moulding machine; pattern making; sketching objects to turn on lathe; installing wood-working machines; arrangement of wood working machines as to best service; making out orders and prices of materials; designing and making moulding bits.

Industrial classes and mechanical drawing during the year.

## THE SAWMILL

Sawmilling is carried on largely in the spring and summer. The sawmill is located in the belts of timber which are to be manufactured into lumber. The mill is, therefore, moved from place to place as new timber land is acquired or leased.

This division is equipped with a 40-horse power portable engine and boiler, circular saw mill, lath saw, cut-off saw and the necessary small tools. To those students who desire to take this work, the following course of study is offered:

First Term: Names of machines; care of machines; repairing belts by lacing, bradding and gluing; sharpening circular saws; grinding edges on tools used in timber cutting; making bills; counting lumber; measuring wood; practical work.

Second Term: Sharpening circular saws, gumming circular saws; running circular saws; making out bills; grading lumber; stacking lumber; study of forest trees; firing boiler and running engine; study of injector, steam jets and other parts; practical work.

## REPAIR DIVISION

This division was organized to give instruction in repairing of house carpentry, furniture building, painting, plastering and brick work. It has access to all the machinery in the Carpentry Division. The Repair Division occupies a room 52x55 feet. This room is airy, well lighted and provided with the necessary work benches, tools, etc. The shop has a class room in which there are desks, black boards, erasers, pointers, plans and drawings of some of the buildings seen on the school grounds.

The course of study covers three years and is similar to the regular carpentry course. The students of this division are given systematic instruction in care and use of wood-working machinery, instruction in house carpentry and cabinet making.

## FIRST YEAR

First Term: The care of shop; study of material; names of tools; care of tools; lessons in sawing, planing, leveling, and plumbing.

Second Term: Making simple articles, such as tables, screens, plain window and door frames; cleaning and sandpapering; selecting materials; work on brick buildings, such as framing floor joists, studding, plates, bridging.

Industrial classes and mechanical drawing during the year.

## SECOND YEAR

First Term: Review of first year's work; advanced work, such as mantels, newels; pine and poplar desks; window and door frames for brick buildings; washstands; bureaus and bookcases; stairways; plan reading; frame and brick house construction; cutting and placing sills, joists, steel girders, plates and lookouts.

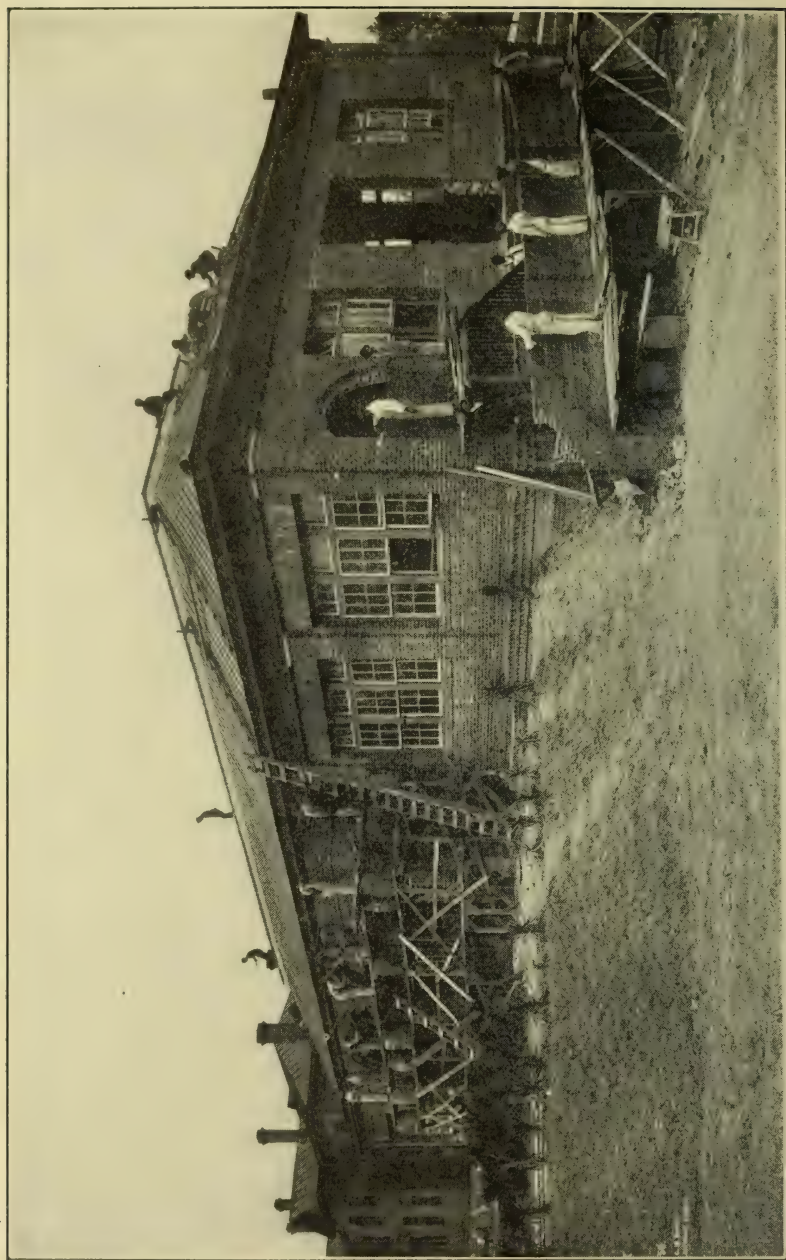
Second Term: Getting lengths and cutting common rafters, hip and valley rafters; truss construction; framing gutters; setting door and window frames; getting lengths of braces; weather boarding; shingling; laying floors; ceiling; wainscoting; forming ceiling panels; names and uses of wood-working machines; brazing apparatus and its uses; wood-turning; setting and sharpening circular saws; practice work on scroll and band saws.

Industrial classes and mechanical drawing during the year.

## THIRD YEAR

First Term: Review of second year's work; inside work on frame and brick houses, such as laying floors, ceiling, wainscoting, forming ceiling panels, constructing stairways and porches; fitting and





STUDENTS AT WORK ON INSTITUTE'S NEW LAUNDRY BUILDING



hanging sashes and blinds; fitting and hanging doors; putting on hardware; finishing porches and cornices; cabinet making, such as desks, bookcases, paper files and other furniture.

Second Term: Plans and specifications; estimating; making bills of lumber; contracts; laying off buildings.

Industrial classes, mechanical drawing and current trade events during the year.

## BRICKMASONRY, PLASTERING, AND TILE SETTING

Nearly all the brick work on the buildings of the school is done by the students of this division under the supervision of the instructors. Plastering of the buildings is looked after by this division. The theory is given in the class room.

### BRICKMASONRY

#### FIRST YEAR

First Term: Names of tools; how to care for them; their application; building scaffolds; preparing material for different kinds of brick work; study of the fundamental principles of the trade.

Second Term: Study of sand, lime and cement; lime and cement mortars; concrete; study of the fundamental principles of the trade.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: Review; mixing concretes and mortars; distribution and proportions; testing mortars; bricklaying; bonding walls; composition, color and requisites of good bricks; strength of bricks; thickness of mortar joints.

Second Term: Masonry footings, concrete and brick; foundation; offsets and why used; foundation walls; use of machine in making cement blocks; practical lessons in chimney building; estimates.

Industrial classes and mechanical drawing during the year.

#### THIRD YEAR

First Term: Review; bricklaying; estimates; leveling and staking out building; lathing and plastering.

Second Term: Foundations; nature and bearing power of soils; methods of testing soils; designing foundations and proportioning footings.

Industrial classes, mechanical drawing and current trade events during the year.

## TILE SETTING

**PREPARATORY INSTRUCTION.** A short history of the manufacture and uses of tile; a knowledge of the qualities, shapes and designs of tile with color; a study of materials used in the work. Instruction is given daily in addition to the practical work outlined below.

**SHOP INSTRUCTION.** Floor work; importance of having good foundations; preparing the surface to be tiled; floating the cement; placing the tile and finishing.

**WALL AND CEILING WORK.** Instruction in applying metal lath; plumbing walls; scratch coating same; setting covers on base tile; setting the cap and finishing.

**MANTELS.** Preparing the floor for hearth space; laying the hearth; building brick arch; putting up, facing and lining fire brick and tile; building tile mantels.

## TINSMITHING

The tinsmithing division is located on the first floor of the Armstrong Slater Memorial Trades Building. Included in the equipment, there is a very good line of bench machines, stakes, squaring shears 30 inches, cornice brake 8 feet, cross locking machine, combination punch and cutting machine, forming machine, vise, soldering table with firepots and cutting table.

Buildings are erected from time to time providing the students with work in the design and installation of roofing, gutters, conductor heads and pipe, making corners and skylights of different type, as well as doing all the repair work on the buildings on the grounds.

Excellent opportunity is also afforded for gaining valuable and practical experience in the construction of piece tinware, thereby enabling the student to become both an inside and outside workman.

One of the main features of the work of the students in this trade is the necessity of reasoning out the problems he has before him. He not only learns how, but why work must be done in a given way. The method of instruction in theory and practice is such that no time is spared in having the students exert every effort to acquire the necessary ability, in order that they may become skilled workmen.

All work performed by them is based on a system that involves reference to everything, from drawings to the cost and selling price, including the market price of material.

## FIRST YEAR

**First Term:** Names of tools; how to use them; care of same; mathematical problems as related to the trade; dressing and plating

soldering coppers; suggestions in soldering; repairing old vessels; preparing fluxes of different kinds; use of rule, square and compass in laying out work.

Second Term: Drafting patterns for pails; putting tin together for roofing work; making elbows; putting up conductor pipes; preparing tin for flat seam roofs; drafting elbow patterns for different angles; making gutters, conductor pipes, ridge rolls, etc.; mathematical problems as related to the trade.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: Making deck flanges, hoods, ventilators, revolving chimney caps, mouldings and O. G. gutters; drafting miters of different angles; laying tin roofs; putting up different kinds of gutters; mixing paint for tin roofs; working out details in cutting patterns; review work; taking roof measurements; mathematical problems as related to the trade.

Second Term: General inside and outside work; making estimates on jobs; making out bills for material; miscellaneous work; development of surfaces; practical cornice work; heavy iron and pipe work.

Industrial classes and mechanical drawing during the year.

#### THIRD YEAR

First Term: Reading blue prints; making working drawings; finding lengths of bars in flat skylights; making curve mouldings; building skylights; advance problems in cutting patterns; estimating on jobs.

Second Term: Management of the shop; making out bills of material; building cornices; metal roof work; mathematical problems as related to the trade.

Industrial classes, mechanical drawing and current trade events during the year.

#### PAINTING

The Division of Painting is located on the second floor of the Trades Building, in a large well-lighted and well ventilated room. A large Warner elevator is used to take vehicles from the Wheelwrighting Division on the first floor to the Painting Division on the second floor. Ample closets are provided in connection with this room for the use of students in which to keep material and tools. Adjoining the Paint Shop is a large varnish room. A great deal of house painting, hard oil finishing and graining is done by this division. Each student is furnished with necessary tools and is required to

provide himself with overalls and aprons. All of the buildings on the grounds, and carriages, buggies, carts, etc., as well as the furniture made in the Carpentry Division, are painted by the students of this division. The course of study follows:

## VEHICLE AND FURNITURE PAINTING

### FIRST YEAR

First Term: History of paint and painting; names, uses and care of tools; care of the painter's health; care of a paint shop; names and uses of the various kinds of glass and glazing methods; primary colors; oils and pigments; color matching, glass frosting, mixing various kinds of putty.

Second Term: Review of previous term; cleaning and sandpapering old and new work; methods of removing paint from metal and wooden surfaces; how to prepare all surfaces for their respective primers; white lead and its various uses; uses of fillers and shellac; mixing various stains for furniture and cabinet work; methods of puttying. Study of different kinds of woods, grains and their treatment.

Industrial classes and mechanical drawing during the year.

### SECOND YEAR

First Term: Sandpapering, puttying, rubbing rough-stuff; preparation of rough-stuff and guide-coats for rubbing different kinds of surfaces; preparation of colors and color-varnishes; how to prepare enamel top dressing for all colors of leather; how to prepare canvas for paint to avoid cracking.

Second Term: Review of previous term; various methods of cleaning furniture; methods of rubbing and polishing varnish; the proper care of a varnish room; practical striping and ornamenting.

Industrial classes and mechanical drawing during the year.

### THIRD YEAR

First Term: The importance of proper temperature and cleanliness of a varnish room; preparation of bodies for finishing varnish; preparation of colors for striping wagons, buggies, automobiles, etc. Various methods of finishing furniture.

Second Term: Review of previous term; short system of finishing buggies and automobiles; preparation of bronze for striping and decorating; methods of using carmine and other transparent colors; shop management.

Industrial classes, mechanical drawing and current trade events during the year.



## HOUSE AND SIGN PAINTING

## FIRST YEAR

First Term: History of paint and painting; names, uses and care of tools; care of the painter's health; care of a paint shop; names and uses of the various kinds of glass and glazing methods; primary colors, oils and pigments; color matching; glass frosting.

Second Term: Review of previous term; study of different kinds of woods; preparation of different surfaces for paint, stain and varnish; color harmony; names and uses of the various paint materials and how to care for them; interior and exterior painting; floor finishing.

Industrial classes and mechanical drawing during the year.

## SECOND YEAR

First Term: Preparation of old surfaces for repainting, restaining and revarnishing; paint rubbing and wood polishing; metal painting and bronzing; preparation of surfaces for graining and marbling.

Second Term: Review of previous term; preparation of kalsomines and water paints; kalsomining walls, etc., measuring and estimating from plans and specifications; history of wall paper; classification of wall papers and other wall coverings; preparation of walls for paper; making sizes for walls and paste for paperhanging; names, uses and care of paperhanging tools; practical work in paperhanging; decorative painting.

Industrial classes and mechanical drawing during the year.

## THIRD YEAR

First Term: History of the alphabet; tools used in sign and show card writing; classification of letters; different styles of letters; practical work in lettering; preparation of different surfaces for sign work; different methods of laying off sign work on different surfaces; spacing and cutting in letters.

Second Term: Review of previous term; methods of preparing size for gold leaf; gilding and smalting surface letters; shading and gilding on glass; carving and building wooden letters, brass sign etching. Practical methods of conducting a painting business.

Industrial classes, mechanical drawing and current trade events during the year.

## PLUMBING AND STEAMFITTING

The tools and shop equipment of this division are such as to give the student a practical and theoretical knowledge of plumbing,

steam and hot water fitting, sewer and water line construction. The plumbing and steamfitting in most of the buildings are done by the students in the division.

The work includes the installation of bath rooms and kitchen fixtures, sanitary closets, hospital fixtures, sewers and drains. The steam work includes the installation and operation of the following heating system: One and two-pipe system, steam and hot water, the piping of engines and kitchen apparatus, and other work usually met in practice. The opportunity to learn plumbing and steamfitting is rare, and the chance here offered should appeal to those desiring to learn the trade. The course is as follows:

### FIRST YEAR

First Term: Pipe fitting tools, construction and manipulation; hand tools; pipe joining tools; pipe reaming tools for driving drills; cutting and threading pipes of small diameters; wrought and galvanized pipe and fittings; threading pipes for steam and water; pipe measurements; classifications of different kinds of packing, discs, fullers, corrugated gaskets, etc., repairing bibbs, self-closing cocks, valve flange unions; making right and left connections.

Second Term: Lead and brass pipes; making cup, copper bitt and branch joints; soldering; steam traps and water meter installation; expansion joints, separators, swing joints, anchoring and supporting pipes; pipe insulating.

Industrial classes and mechanical drawing during the year.

### SECOND YEAR

First Term: Cast iron pipes; soil and water pipes; roughing in for bath room fixtures, hospital fixtures, laundry tubs, kitchen apparatus; tapping and making branch connections on water mains; wiping joints  $\frac{5}{8}$  to 4-inches round; installation of closet, bath and lavatories, shower bath, urinal, and the various plumbing fixtures.

Second Term: System of piping; one-pipe and two-pipe steam system, one-pipe circuit, one-pipe relief; modulation and vacuum systems; hot water systems; expansion tanks; systems for residences and buildings; return traps; radiators; circular and plain, wall and ceiling coils; cooking and drying by steam; installation of cooking apparatus.

Industrial classes and mechanical drawing during the year.

### THIRD YEAR

First Term: Installing plumbing jobs; installing heating jobs; calculating radiation for direct, direct-indirect and indirect steam

heating; steam and water boiler connections; steam pressures and temperature; installation of feed water heaters, jets and injectors; piping for steam pumps; care and operation of heating systems; sewer pipes — laying and installing hot water storage tanks from high pressure lines with pressure and temperature regulators.

Second Term: Making drawings for heating and plumbing installation; estimating plumbing and steam-fitting jobs; making specifications for steam and water systems; reviewing city plumbing ordinances.

Industrial classes, mechanical drawing and current trade events during the year.

### WHEELWRIGHTING

The Wheelwrighting Division is located on the first floor of the Trades Building. It is well fitted for work in general wheelwrighting and repairing.

Included in the equipment are ten wood-workers' benches, 32 inches high, 42 inches wide and 8 feet long. Each bench is divided into two parts, making it possible for two persons to work at the same bench without interference. The benches have three drawers and one closet on each side in which tools are kept.

Each student is provided with the following tools: one coachmaker's vise, one 26-inch No. 6 crosscut saw, one 12-inch back saw, one set of planes, one set of chisels, one set of auger bits, one set of gimlet bits, one ratchet brace, one coachmaker's drawing knife, one spoke shave, one thumb gauge, one tri-square, one bevel, one hammer and one mallet. Other tools are kept in reserve by the instructor, and used only when needed.

This division is constantly building work, such as wagons, drays, new horse and hand carts, wheelbarrows, buggies and road carts. The work of repairing vehicles and farm implements for the school, and a large amount of repairing for the locality, is also done by this division. The course of study follows:

#### FIRST YEAR

First Term: Care of shop; study and care of tools; measurements; practice work with saws, planes, drawing knives, bits, chisels and spoke shaves; matching and joining; selecting stock as to size, getting working surfaces.

Second Term: Squaring and rounding stock; making joints; selecting stock as to variety and quality; practice work on wheelbarrows and push carts; making wagon parts from patterns.

Industrial classes and mechanical drawing during the year.



## SECOND YEAR

First Term: Building wagon parts; making push carts and wheelbarrows; repairing farm wagons; making pattern for wagon parts; repairing wheels; principles of wheelbuilding; assembling wagon parts.

Second Term: First steps in laying off thimble skein axles; principles of making thimble skein axles; practice work on buggy parts; repairing buggies.

Industrial classes and mechanical drawing during the year.

## THIRD YEAR

First Term: Thimble skein axles continued; principles of carriage and buggy building; practice in dropping and arching axles; selection of materials for body frames and paneling; constructing various types of bodies including buggies, surreys and business wagons.

Second Term: Developing cuts for buggy and surrey seats and bodies; review wheelbuilding and thimble skein axle-making; shop economics; estimates; bills of material.

Industrial classes, mechanical drawing and current trade events during the year.

Students in wheelwrighting receive instruction in woodturning. The course is the same as the one given students in carpentry.

## THE MECHANICAL SUPPLY DIVISION

In order to facilitate the handling of supplies for the Mechanical Department, a Mechanical Supply Division has been organized. This division handles all supplies including leather, iron, lumber, nails, etc., used in the Mechanical Department and in the conduct of the department, carries on all the operations of buying and selling, which are commonly met with in commercial businesses of this character and size.

A course of study has been arranged covering two years to give the students who take up this course training in business methods, such as making out requisitions, making bills, listing, taking stock, etc.

The main room in which the office is located is 60x80 feet and is equipped with a manifold machine, gasoline tank, oil tanks, shelves and other apparatus found in a well organized business. In addition to the main room the following buildings, which also come under the Supply Division, might be named:

A galvanized iron building, 16x26, and placed in a somewhat isolated position for keeping paints and oils; a lime shed, 20x68



feet; a pipe shed, 40x54 feet; two lumber sheds, one for hardwood, 20x110 feet; the other for dressed lumber, 80x20 feet.

Outline of course:

#### FIRST YEAR

Proper arrangement of shelves, bins, counters, etc., including store rooms and warehouses; classifying and grading lumber and other material; receiving and checking in material; weighing and measuring out material.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

Receiving and checking in material, continued; pricing, as per invoice; making out requisitions from catalogues; price list and quotations; charging and filing; general office practice; keeping stock sheets and taking inventories.

Industrial classes, mechanical drawing and current trade events during the year.

#### MACHINE SHOP PRACTICE

The Machine Division is equipped with a number of modern machines driven by motor power. This includes lathes, planer, shaper, drill press, etc., in addition to bench tools, benches and other equipment. The repairing of the mechanical equipment of the school including steam engines, steam pumps and wood working, printing and metal working machinery, gives an excellent opportunity for actual practice in this division. Installed on the grounds and in daily operation are also laundry, agricultural and dairy machinery, which furnishes practical work in these directions.

The machine division of the Institute is the only shop in the immediate vicinity equipped for making repairs on machinery and does a good deal of repair work on gins, sawmills and other such machinery in the neighborhood. The shop is equipped in a supplemental way with apparatus and machines which are not in practical operation at the Institute so as to supply this need in the course of instruction.

Instruction is given both in theory and in practice. Daily use is made of blue print drawings and free-hand sketches, and mathematical studies are pursued bearing on machine work.

#### FIRST YEAR

First Term: The machine shop and its equipment; machinist's bench; vises; clamping finished and unfinished work in vises; proper

uses of hammer, chisel and punches; files, their care and uses; material and how it should be worked; laying out and making iron beds.

Second Term: Care and use of stock and dies; study of different materials; working and heating metals; uses of hand and power hack saws; making tools with hand tools; laying out work for drill press; study of twist drill; grinding and drilling different kinds of materials; speeds of different sizes of drills; study of related drills and taps; use of lubricants on metal when being worked; comparative study of machinist's pipe, taps and dies; general review.

Industrial classes and mechanical drawing during the year.

### SECOND YEAR

First Term: Study of lathes; classes of work such as turning to dimensions; cutting speeds of metals, cutting inside and outside threads, and right and left hand threads; turning tapers; making parts of machines including engines and pumps; making, grinding, and tapering tools; study of tools; study of steels; tempering tools for different kinds of work; case hardening; iron babbitting bearings.

Second Term: Study of belts and belting; shafting; hangers, size and proper distance apart; pulleys and their speeds; calculating speeds for different machines and different shops; adjusting machines; boring mill operations; working from drawings; taking measurements of parts of machines; sketching and duplicating parts; repair work.

Industrial classes and mechanical drawing during the year.

### THIRD YEAR

First Term: General review; the lathe and boring mill; gear ratio; turning blanks for gears; study of the milling machine; making keys; cutting key seats; gear cutting; milling bolt heads, square, hexagon and octagon; slotting work; fluting blanks for drills; spiral cutting; milling machine operations.

Second Term: Universal grinding machine operations such as, center grinding, tool grinding, etc.; laying out and setting new and old machines; studying strengths of metals; boiler, pump and engine troubles; boring cylinders and making piston rings for different size engines; general review.

Industrial classes, mechanical drawing and current trade events during the year.

### HARNESSMAKING AND CARRIAGE TRIMMING

This division is situated in a large, well-lighted room on the first floor of the Trades Building. All of the harness used by the school and a large quantity sold to the public are made in this shop every

year. All of the carriages and buggies turned out by the Blacksmith and Wheelwrighting Divisions and the automobiles upon which repairs have been made are trimmed by students taking the courses in carriage-trimming. The course of study is as follows:

#### FIRST YEAR

First Term: Harnessmaking. — Care of shop, name and care of tools, thread making, practice stitching, quality and preparation of leather, and dimensions of straps. Repairing, cleaning and oiling harness and making odd parts of single and double wagon harness, such as hame straps, breeching, side straps, traces, shaft tugs, fronts, lines, etc.

Second Term: Cutting out, fitting up and finishing single and double wagon harness; a study of halters and dump cart harness.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: Review of work of the first year; names and grades of trimmings and mountings; names and grades of leather; study of single and double buggy harness; dimensions of their parts; care of patent leather.

Second Term: Making single and double buggy harness; making harness blacking; the study of break, flexible and gig saddles, and pattern cutting.

Industrial classes and mechanical drawing during the year.

#### THIRD YEAR

First Term: Review of work of first and second years. A study of cart-saddle and truck harness; technical pattern drafting and economical cutting; instruction in operating various kinds of harness-making machines; the study and making of surrey, express and track harness; practical estimates and designs.

Second Term: The study and making of track, coupe and coach harness; pressed loop work, bristle stitching and hand lacing; making all grades of riding bridles; special sketch work.

Industrial classes, mechanical drawing and current trade events during the year.

### CARRIAGE TRIMMING

#### FIRST YEAR

Use of scissors and needles; names of tools; basting, stitching on machine; the study of carriage materials; how to shrink goods; trimming various kinds of wagons.

## SECOND YEAR

How to draft and make plain cushions, trimming fancy wagons; pattern cutting; how to trim an open buggy; how to make plaited cushions and backs; how to set tops; correct rules for drafting tops and the principles of biscuit work.

## THIRD YEAR

How to trim surreys; drafting and designs; trimming top buggies and phaetons; matching colors; diamond and print work; the study of automobile trimmings.

Industrial classes, mechanical drawing and current trade events during the year.

## COURSES IN PRINTING

Instruction in the Printing Division is designed to give the fundamentals of the general practice of the printing business, with special effort to impart a thorough, sincere mastery of some one of the trades of typography, job and cylinder press work, and linotype operating.

In addition to a large amount of job and commercial work, there are regularly printed in this division, newspapers, magazines, bulletins, pamphlets and other publications in interest of the school. The student, therefore, is in constant experience with almost every form of general printing.

The Printing Division occupies two large, spacious rooms, in the form of an "L" in the Southeastern corner of the Boys' Trades Building; one wing being 36x61 feet. In this room are found 16 printing machines, as follows: two Mergenthaler Linotype machines, models 1 and 8; a battery of four job presses; a No. 9 Babcock Optimus cylinder press; a No. 3 Cottrell cylinder press; a Brown and Carver automatic cutter; three stitchers; a Monitor perforator, and a Portland punching machine. All of these except one are driven by electricity.

In the other wing, measuring 37x56 feet over all, are found separately, a store room, a mailing room, a class room, a proof room, and a composing room. The composing room is furnished with eight double type case stands, three type cabinets, two Kaufman imposing stones and cabinets with letter boards, galley racks, sort drawers and sectional drawers for plates.

## TYPOGRAPHICAL COURSE

The course in Typography covers three years and embraces such supplementary instruction as will insure a general knowledge of the



whole operation in printing. To enter this course the student must have reached the B Middle Class.

#### FIRST YEAR

First Term: Names and care of composing room equipment; composing room practice: postures, position, sanitation, ventilation; lay of newspaper cases (with drawing); use of the composing stick and composing rule; uses of capitals; small capitals and italics; uses of punctuation marks; straight composition from reprint copy, followed by setting from original copy (live copy used); spacing, justification and leading; tying up; pulling proofs from stone; use of proof press.

Second Term: Division of words, indentions; paragraphing; proof marks; correcting galley matter from foundry type and from linotype slugs; distribution and the proper placing of materials. Supplementary work: padding, collating sections, inserting, stitching, gluing on covers, trimming. Component parts and use of stitching, punching and trimming machines.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: The point system. Sizes of type, brass rules, leads, slugs, metal and wood furniture. Type measurement; use of line gauge. Tables of standard type measures; newspaper, magazine, business and social forms, poster and placard. Tabular composition from reprint copy followed by exercises from original copy. Lock-up: inside measurement of job chases. Position of type form in chase. Justifying type and furniture. Use of various kinds of quoins. Names and sizes of job presses. Their adaptability. Printing materials: paper, envelopes, cardboards. Kinds, uses, colors, sizes, weights and prices. Inks, glue, paste. Type washes. Use of lead and rule cutter.

Second Term: Job composition. Simple forms of billheads, statements, letterheads, envelopes, cards, tickets, programs, menus, announcements and invitations; their sizes (over all). Study of appropriateness in selection of type, border and ornaments. General arrangement: margins and white space. Separating into forms for colors. Study of newspaper and magazine advertising forms, dodgers, posters and placards.

Industrial classes and mechanical drawing during the year.

#### THIRD YEAR

First Term: Newspaper make-up. Imposition: lock-up of forms. Two, four and eight-page forms; twelve and sixteen-page forms.

**Second Term:** Book make-up; size of pages, running heads, folios, disposition of awkward or surplus space, reference marks, foot-notes, initials.

Industrial classes and mechanical drawing during the year.

### PRESS WORK

The course in press work extends through three years. Opportunity is offered for acquiring experience in operating both job and cylinder presses. To complete the course the student must be able to handle successfully any of the presses in the division. To enter this course the student must have reached the A Preparatory Class.

#### FIRST YEAR

**First Term:** Names of important parts of job presses and their uses. Care of platen presses. Operating: connecting and disconnect-power drive, use of impression throw-off. Inking. Setting rollers in printing. Feeding.

**Second Term:** Make-ready. Preparation of tympan. Care and treatment of inks. Reducing, mixing, glossing, bronzing. Lock-up of forms. Supplementary work: padding, collating sections, inserting, stitching, gluing on covers, trimming. Component parts and uses of stitching, punching and trimming machines. Printing materials: paper, envelopes, cardboards; kinds and uses. Type washes: use of gasoline and lye.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

**First Term:** Names of important parts of the cylinder presses and their uses. Care of cylinder presses: cleaning, washing, oiling.

**Second Term:** Operating: Connecting and disconnecting power drive; use of impression throw-off; setting rollers; feeding; inking.

Industrial classes and mechanical drawing during the year.

#### THIRD YEAR

**First Term:** Make-ready on cylinder presses. Cause of slurs and remedy for same.

**Second Term:** Color work. Imposition. Lock-up of forms. Two, four, and eight-page forms.

Industrial classes and mechanical drawing during the year.

### LINOTYPE OPERATING

The course in Linotype operating covers one year. It is open to students who have completed the regular course in typography. It

is also offered as a special course. To enter the special course the student must have entered the Senior Class.

**First Term:** Names of parts of the linotype machine and their uses. General principles of the linotype machine: assembling, delivering, justification, lock-up, casting, transferring, ejecting and distributing of the line. Care of burner. Cleaning of spacebands. Care of metal. Keyboard practice: how to sit properly; location of keys; correct way of fingering. Mechanism of the keyboard and its relation to the dropping of matrices. Mechanism of the spaceband box. Care of matrices.

**Second Term:** Mechanism of the distributor box. Changing of measure. The knife block: how to adjust it. Use of the micrometer and how to read it. Oiling. Machine adjustments. Type measurement. General machine troubles and how to overcome them. Adjustments.

Industrial classes and mechanical drawing during the year.

### PHOTOGRAPHIC INSTRUCTION

This Division is well equipped for teaching photography in all its branches, and students who take this course will be given every opportunity to become highly efficient.

#### FIRST YEAR

**First Term:** General photography: History of photography; chemistry of photography; optics relating; lighting and posing under skylight; studies in grouping; viewing; developing; printing; retouching; finishing; enlarging.

**Second Term:** Advanced photography: Advanced studies in positive and negative retouching; etching; commercial photography; newspaper photography; transparencies.

#### SECOND YEAR

**First Term:** Technical photography: Art studies; home portraiture; flashlight. Mechanical; architectural—interior and exterior.

**Second Term:** General review in all branches. Business system: a special study in the method and system of operating successfully a photographic business in portrait or commercial lines.

### FOUNDING

The Foundry is equipped with a 27-inch Whiting cupola having a No. 4 Sturtevant blower attached and driven by a 10 H. P. electric motor. The cupola furnace has a melting capacity of nearly two tons of metal per hour and various classes of grey iron castings are



made. Students taking this course are given special instruction in stove molding, mounting, repairing stoves and ranges, and general foundry practice.

#### FIRST YEAR

First Term: Care of the shop. Names and uses of tools for floor and bench work. Tempering sand; setting up simple pieces in molding, such as stove grates, sash weights and column plates in green sand, and at this point the student is given all the details involved in this class of work.

Second Term: Core making, such as making mixtures for coring out pulleys, bed locks, jack screws, etc. The lining of ladles; the lining and repair of cupola furnace with fire-clay and fire-brick linings.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: More complicated molding, such as fancy hearth grates, molding stove plates, molding with the use of return facings; how to place gagers and souldiers for lifting copes; how to avoid many of the defects found in castings made in green sand, such as blow holes, sand holes, scabs, swells and shrinkage cracks.

Second Term: Practice in operating the cupola furnace calculating on the amount of metal required to pour off the number of molds on the floor and prevent waste in the operation. Putting up sand bottom; charging and firing cupola; tapping out and stopping in furnaces.

Industrial classes and mechanical drawing during the year.

#### THIRD YEAR

First Term: Students entering the third year are given practice on molding machines known in most of the modern shops as squeezers, which enables one man to turn off more work in one day than three men of the same efficiency by hand. Snap-flash work is done on bench and machines.

Second Term: Shop management; estimating cost of jobs. A general review of the work of second year.

Industrial classes, mechanical drawing and current trade events during the year.

#### AUTOMOBILE MECHANICS

The object of this course is to fit young men to become first-class automobile mechanics. On account of the rapid growth of the automobile industry and the constant demand for men thoroughly trained in the operation and repair of motor driven vehicles, the institution has organized an Automobile Mechanics Division.



The course covers three years, and when completed one has obtained a comprehensive knowledge of the construction and operation of automobile engines, transmissions, carburetors, magnetos, general repairing and management of automobiles and methods of locating auto troubles.

#### FIRST YEAR

First Term: Methods of making repairs. Special lessons in tires and vulcanizing covering. Tire and rim practice, clinchers, Q. D., mechanical or straight side, standard and oversize. Inner liners, inside and outside shoes. Woodworth tire tread, anti-skid chains. Rims: Continental, Gilbert type, Goodyear, Q. D., Goodrich, Standard and Demountable. Vulcanizing tubes; casings. Vulcanizers: Shalei, Electric, Autosteam, Comstock, Gasoline, Imperial Gasoline.

Second Term: Special lessons in rear systems, covering axles, Standard full floating, Shelton semi-floating, Overland semi-floating and frozen axles. Differentials: bevel and spur gears. Brakes: external and internal. Drums, bands and adjustment of brakes. Rods: torsion, radius and truss rods.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: Special lessons in transmission of power, covering transmissions, selective, progressive, Overland, Panitary. Friction drive. Clutches: cone multiple, disc expanding ring and friction clutches; driving shafts and universal joints.

Second Term: Special lessons in steering devices, covering center steering, reversible, irreversible rack and pinion, worm gear, worm and sector, divided nut gear, traveling nut, drag link, knuckles, and how to adjust front wheels.

Industrial classes and mechanical drawing during the year.

#### THIRD YEAR

First Term: Special lessons in ignition equipment, covering dry cells: multiple series; storage batteries: lead sulphuric, Edison. Magnetos: high and low tensions. Coils: vibrator, non-vibrator, master vibrator, single, multiple. Switches: kick switch. Timers: commutating, roller, brush and sliding contact, mechanical vibrator. Spark plugs: mica, porcelain. Ignition systems and wiring: four and six cylinder batteries, Remy, Kurtz, Splitdorf, Mea, Delco, Eiseman, Bosch, Dual.

Second Term: Special lessons in gasoline engines, covering types of motors: two and four-cycle, valveless, two-cylinder opposed and double opposed. Cylinders: Enblock cast in pairs, cast single, T-head,

L-head, valves in head. Valves: push rods, springs, cams, cam shafts. Pistons: piston rings, oil rings, combustion space, compression, connecting rods, piston pins. Crank shafts: single cylinder, two cylinder, three cylinder, four cylinder, six cylinder, crank and main bearings, crank case. Cooling systems: forced circulation, water jacket, inlet and outlet manifolds, radiator, fan, thermo syphon, air cooled. Oiling systems: splash, gravity, forced feed, pump reservoir, gauge, sight feed. Carburetors: connecting up and adjusting. Magneto: timing, timing gears. Flywheels: head of crank centers, timing valves, ignition from flywheel. Taking down and assembling engines: grinding, adjusting, and timing valves; scraping and adjusting bearings. Engine trouble: ignition, carburetor, valve. Practice in filing, chipping, drilling, tapping and lathe work. Practice in forging, welding, case hardening and tempering. Practice in soldering and sheet metal work.

Industrial classes, mechanical drawing and current trade events during the year.

### APPLIED ELECTRICITY

The electrical equipment consists of two 160 K. W. revolving field alternators, three phase, a marble switch board consisting of seven panels and of the most modern design and equipment; eleven three-phase induction motors with an aggregate capacity of 100 horse-power, and laboratory equipment consisting of two 5 K. V. A. potential transformers, one reflectroscope, one stereopticon, one D. C. generator, one single phase induction motor (5 H. P.), ammeters, volt meters, kilo-watt hour meter, standard watt meter and battery charging outfit.

Swoops Practical Electricity is used as a text book, supplemented with Hawkins Hand Guides and Encyclopedia of Applied Electricity as references.

### FIRST YEAR

First Term: Electricity and Magnetism; conductors and insulators; effects of a current in a wire and around an iron core; fundamental units; electrical units of E. M. F.; current and resistance; Ohm's laws; units of work: energy, quantity, power; electro-magnetism; magnetic fields; action of fields on each other; cells; internal and external resistance; methods of connecting cells.

Second Term: Proof of Ohm's law by experiment; experiments on resistance in series and parallel; interior wiring rules; operation of arc lamps, including the construction, trimming, regulation and care; assisting on repair jobs of various kinds; installation of bell and annunciator wiring; the care of street lights.

Industrial classes and mechanical drawing during the year.

## SECOND YEAR

**First Term:** A short review of first year work; fundamental principles of the dynamo; effects of a moving conductor or coil in a magnetic field; the direct current dynamo: its parts and the functions of each part; armature windings; methods of excitation of a D. C. generator; electrical and commercial efficiency of generators.

**Second Term:** The direct current switch board with a study of measuring instruments; protective devices including the ammeter, volt meter, kilowatt meter, kilowatt hour meter, circuit breakers, rheostats, etc.; D. C. generators in parallel; series incandescent lighting from constant potential mains; the incandescent lamp: construction and efficiency; wiring rules and tables; a study of the rules of the National Board of Fire Underwriters; study of the storage battery. Interior wiring, including open, concealed and conduit; care of induction motors and transformers; general line work. Students in the second year serve as assistants at the Power House.

Industrial classes and mechanical drawing during the year.

## THIRD YEAR

**First Term:** Fundamental principles of alternating current; the sine curve; flow of alternating current through impedance; the A. C. generator: single phase, two phase, and three phase; calculations for efficiency and power factor; characteristic curve; insulation tests, temperature tests at various loads; operation in parallel; star and delta connections; the potential transformers, construction, regulation and the care of same; single phase transformers on three phase lines; the induction motor, and starting compensators.

**Second Term:** The A. C. switch board, including a study of A. C. measuring instruments; relays; oil switches; synchronizing apparatus; ground detectors; voltage regulator, and a study of power plant efficiency; installation of electrical machinery; estimates and bids on jobs. Practice work: operation and care of all electrical equipment at Power House; construction and repair work in K. W. H. Meter reading.

Industrial classes, mechanical drawing and current trade events during the year.

## TAILORING DIVISION

Located on the second floor of the Trades Building, the Tailoring Division occupies a room 37x56 feet. Ample light is provided by windows on three sides of the room.

A large number of the uniforms worn by the students are made



in this division, as are also overalls, citizen suits of different style and finish, and overcoats. The course of study covers thorough training in repairing. The variety of work in making new garments and in repairing permits arranging and carrying out a course of study which equips a student for such work as is met in commercial life. The course of study follows:

#### FIRST YEAR

First Term: Care of shop and tools; position on tailor's board, practice in use of needle and thimble in overcasting, felling and back-stitching, button holes; machine sewing.

Second Term: Studying and classifying materials; practice in making flies, waistbands, straps, flaps for pockets, pockets, from drafts; review: cutting and fitting linings; spacing button and button holes; applications of measurements used in making trousers; joining and finishing uniform trousers; use of drafts continued. Students are required to make six pairs of trousers to show proficiency.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: Review; studying different parts of the vest; making various pockets, collars and facings; working from drafts; vest making continued; making backs and foreparts; joining and finishing vests. Students are required to make four vests to show proficiency.

Second Term: Studying various parts of a coat; cutting and making canvas; making collars and sleeves; working from drafts; making facings, foreparts, edges, joining back seam, basting linings, finishing shoulders, collars, sleeves, etc., working from drafts. Students are required to make six uniform coats to show proficiency.

Industrial classes and mechanical drawing during the year.

#### THIRD YEAR

First Term: Review of first and second years' work; studying changes that affect work in citizen garment making; work on ordinary citizen garments continued; studying grades of materials, estimates and cost and quality of materials; working from drafts.

Second Term: Study of harmony in colors; drapery in garments; measuring and drafting the garments studied. Students are required to make four citizen coats to show proficiency.

Industrial classes, mechanical drawing and current trade events during the year.



## BLACKSMITHING AND HORSE SHOEING

The Blacksmith Shop occupies a room 37x90 feet on the first floor of the Armstrong Slater Memorial Trades Building. It is furnished with eleven stationary forges with champion blowers, and one portable forge. Near each forge is an anvil weighing 120 lbs. and a tool bench two feet high, two and a half feet wide and six feet long, provided with drawers and a blacksmith's vise; each bench is furnished with the following tools: one sledge hammer, eight bottom swages varying in sizes from  $\frac{1}{4}$  to  $1\frac{1}{2}$ -inches, one set collar swages, 12 pairs of tongs suitable for handling iron varying in sizes from one quarter of an inch to one and one half inches.

## FIRST YEAR

First Term: Care of shop; making fires; proper arrangement of tools; importance of keeping coal bins and water troughs full; names and uses of tools and machines; the management of horses in the shop; helping advanced students at forge practice; drilling and bending.

Second Term: Helping at forge practice; removing old shoes from horses' feet; the uses of dies, punches, screwdrivers, screw plates and taps; the uses of the rule and square.

Industrial classes and mechanical drawing during the year.

## SECOND YEAR

First Term: Making axle sets; setting axles; uses of square, calipers, dividers, straight edge and spirit level; economy in the use of coal, iron, steel, oil, and borax; special practice in the use of drill bits, edge tools and screw plates; repairing wagons; anatomy of a horse's foot; faulty action of horses feet in traveling; clinching; leveling; making horse shoes proper angle of foot.

Second Term: Welding and bending iron; uses of fluxes; welding steel; ironing new wagons, carts, wheelbarrows; putting work together; welding axles, tires; repairing carriages and buggies; ironing buggies.

Industrial classes and mechanical drawing during the year.

## THIRD YEAR

First Term: Forge practice; scientific horse-shoeing; making shoes to correct forging; knee knocking; contracting heels, interfering, cross firing and stifle troubles; laying off work; getting angles and circles; fitting bands to cones.

Second Term: Various kinds of welds and how to make them; tool making; repairing farm implements; effect of sand and borax on welding heats; ironing carriages; ironing buggies and phaetons; keeping shop books; making estimates; making bills for material;

keeping shop supplies; shop management; measuring vehicles; leveling bodies and shifting rails for tops.

Industrial classes, mechanical drawing and current trade events during the year.

### BRICKMAKING

This Division is located about a half mile from the center of the Institute grounds. All of the bricks used on the school grounds and most of those used in the surrounding community are made in this Division. The machines installed are one No. 8 Brewer brick machine with the necessary pug mill, clay crusher, clay elevator, steam boiler and engines. The daily capacity is 20,000 bricks.

The brickmaking is carried on largely in the summer, and instruction is given mostly at this time. The course of study follows:

#### FIRST YEAR

First Term: Care of yard; names of tools and machines used in making bricks; methods of handling clay; preparation of clay; bedding and tempering clay.

Second Term: Disintegrating and pugging; methods of handling green bricks; platting, casing and dubbing kilns; classification of clays; testing clay for bricks.

#### SECOND YEAR

First Term: Care of machines; material for burning bricks; filling and closing kilns.

Second Term: Setting bricks; management of yard; composition and analysis of clay; distribution of clay; burning kilns.

#### THIRD YEAR

Preparing different kinds of kilns; location and the arrangement of the yard; installation of the machines; burning kilns; review.

### STEAM ENGINEERING

A new Central Power Station has recently been built to take care of all the electric transmission, steam heating, motor driven and compressed air services needed daily.

Direct connected electric units with high speed automatic engines, Corliss engine for refrigeration machinery, air compressors of the two stage type, with vacuum pumps, feed, service and fire pumps are used daily for the instruction of students. Steam pipe lines from this plant are connected to thirty-one of the school buildings, with the necessary steam specialties such as reducing valves, steam traps, hot water boilers with automatic connections, etc. Special instruction

is given in steam boiler management as the boiler plant is a very modern one with the latest type of water tube steam generators.

#### FIRST YEAR

First Term: Steam boilers, types and uses; fuel economy; methods of firing; care of various types of boilers; combustion; smoke abatement; evaporation; furnace cleaning and the combustion chamber.

Second Term: Boiler inspection; repairs; use of steam blowers and turbine cleaners; compounds for scale prevention; draft gauges and dampers; fuels and their value; maintaining uniform steam pressure.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: Safety valves; fuse plugs and the proper care of stop and check valves; feeding boilers, pumps and injectors; weights of fuel and ash; economical use of gases and furnace temperature.

Second Term: Hand firing; turning steam on pipe lines; pressure regulators and recorders; hot and cold water pumps; heaters and meters; steam pipe insulation; conduits and packings.

Industrial classes and mechanical drawing during the year.

#### THIRD YEAR

First Term: Packing pumps, valves and unions; methods of starting and stopping steam machinery; types of high speed engines, governors and valves; management of steam plant operatives; proper installation of separators, extractors and lubricators; foundations and erection of engines; steam piping and the engineering problems of same; artesian wells and air lifts.

Second Term: Cold water supply and pumping systems; designs for same; steam engine erection and designs; the use of the indicator and power calculations; cost accounting for the power station; air compressors and uses of compressed air.

Industrial classes, mechanical drawing and current trade events during the year.

#### SHOEMAKING

The Shoemaking Division is on the second floor of the Boys' Trades Building. Shoes for students and teachers as well as for persons outside the school are made in the shop. Most of the repairing for the school is done in the shop. This work gives the student a great amount of practice.

The equipment consists of the most modern 22-foot Goodyear Shoe Repairing Outfit including stitcher, edge trimming machine, buffing



and scouring machines, and edge setting machine, both rotary and oscillating. Solidity jacks for standing work are included also. This outfit represents the highest and most efficient development in shoe rearing machinery and even embraces all the essential processes for making new shoes from old ones.

Other important features of this division are upper making machines, cutting tables and lasts, which make the equipment complete for making an all-round shoemaker.

The course is mapped out to cover three years, two of which should be spent in the Night School in order to cover the ground in the specified time.

#### FIRST YEAR

First Term: Thread breaking; making ends; making different stitches; sharpening knives; care and uses of tools; common half-soling and heeling; preparing leather for use; soling and heeling nailed shoes; different kinds of patching and half-soling sewed shoes.

Second Term: Method of putting together different kinds of shoes; study of different leathers; high-class repair work; preparing insoles and putting bottoms on common shoes.

Industrial classes and mechanical drawing during the year.

#### SECOND YEAR

First Term: Review of first year's work; repairing pump-sole shoes; the study of heels and how to build them to best suit the wearer; bottoming shoes; cutting leather to the best advantage; grading and selecting leather to best suit the purpose or result desired.

Second Term: Problems pertaining to shoemaking; putting uppers together.

Industrial classes and mechanical drawing, during the year.

#### THIRD YEAR

First Term: Building shoes to best suit the customer's foot, walk, occupation and taste; upper making and drafting.

Second Term: Bottoming shoes; study of uppers of different styles; repairing; drafting; bottoms; business methods.

Industrial classes, mechanical drawing and current trade events during the year.

#### MECHANICAL BOOKKEEPING DIVISION

The work of the Mechanical Bookkeeping Division relates entirely to the accounts of the Mechanical Department. The usual book-keeping operations are carried on, and in addition there is a system



of cost accounting which is of sufficient extent to give valuable training in this direction. Including, as this division does, the bookkeeping of the building trades, the vehicle building trades and the other divisions, opportunity is afforded to study bookkeeping as applied to the mechanical trades under actual operating conditions.

The following topics are included in the work covered:

First Half: Books—their classification, forms and rulings; purposes for keeping books of accounts; methods of bookkeeping. Accounts—definitions; construction; classification; journalizing; posting; trial balance; balance sheet.

Second Half: Cost Accounting—how costs are ascertained; the objects of ascertaining cost; the classification of costs; the selection of a system.

## POST-GRADUATE COURSES OF STUDY IN THE MECHANICAL INDUSTRIES

Courses of study in the Mechanical Industries designated as Post-Graduate and Special Courses, are herein set forth.

The definition of a Post-Graduate and a Special student, also the rules governing the same are to be found below.

It is the purpose of these courses to furnish students coming under the above designations, with an opportunity to take advanced work in a Mechanical Industry after having completed a regular industrial course at this institution or its equivalent at some other institution, and to take the regular industrial course, when they have either not completed it or have had no work in such industry.

The advantages to be gained from taking these courses will be seen by reading the programs under the headings of the several trades.

### ARCHITECTURAL DRAWING

This course will afford students in the building trades opportunity for advanced work in the designing of buildings, and in the study of constructive, detail drawings, specifications, etc. Students in the other trades will be given more specialized and advanced drawings than is possible in the regular course.

The course is broadened and extended for students who desire to qualify as Architectural or Mechanical Draftsmen and who take no other trade.

First Term: Study of different styles of architecture; advanced architectural designing.

Second Term: Advanced graphic statics and steel roof trusses; fireproof and steel construction; study of office methods; practice teaching.

## CARPENTRY

First Term: Review of window frame building; house framing and outside house building, finishing and inside trim; stairway building. Designing stairways to be built in a given space, making detailed accounts of construction and cost. Shop work; wood turning.

Second Term: Building of furniture; brazing band-saws; sharpening and setting band-saws. Sharpening, setting and gumming circular saws; wood turning; plan reading; making out bills and orders; estimating; contracts and specifications; shop work.

Mechanical drawing throughout the year.

## MASONRY

First Term: Review of estimates of labor and material for masonry; plastering; tiling and concretes; constructive features in brick and reinforced concrete work; plan reading; tiling; fireproof vaults; fireproof buildings; terra cotta floor arches and trimmings; contracts and specifications.

Second Term: Laying out and leveling buildings by use of transit; pavements; shoring; underpinning brick buildings; practical and theoretical methods of designing and laying out arches; ornamental brickwork; building superintendence; selecting sites; columns; arches; building laws; law of contracts; relation of contractor to architect; contracting and building.

Mechanical drawing throughout the year.

## PHOTOGRAPHIC INSTRUCTION

First and Second Terms: Specializing in any one particular phase of photography.

## PLUMBING AND HEATING

The aim of this course is to give advanced work to those who have some practical knowledge of the trade, and who desire to acquire the broader branches of the trades. A laboratory is available consisting of a modern equipped hospital, twenty-six steam heated buildings, two hot water heating systems, plumbing in the majority of the buildings and in the town of Greenwood and a modern water system.

First Term: Method of making lead joints from 5-8 inch to 4 inches round and branch joints, butt, sweat, blow joints, copper bitt joints; tapping mains under pressure; stop cock insertion; testing quality of pipes and designing bath rooms.

Second Term: Repairing, sterilizers, douche sprays and knee action fixtures; making plumbing traps 4 inches round, half S traps, running

and P traps and soil pipe joints; local ventilation, hot circulation system, pressure and temperatures, regulators, installation and repairs. Disposal of sewage, local ventilation, house heating boilers, connections, covering pipes and boilers, boiler piping, systems of warming, building superintendence, designing heating systems, records and plans.

Mechanical drawing throughout the year.

### TINSMITHING

First Term: Cutting pattern for a raking bracket, cutting balls, drafting arcs of long radii and cutting curved O. G. mouldings. "Bumping up" patterns of balls with hammer on block and constructing same. Making metal letters, designing hammered rosettes, forming beads for circular work. Review work.

Second Term: Drafting miter between straight and curved mouldings; making full size detail drawings for shop work; constructing rake modillions; raise curve moulding on curve moulding machine; arranging the O. G. moulding when made by hand; cutting skylight patterns; flat single and double pitch; method of putting in glass; method of finding the true length of the curbs and bars of skylight frames; braking skylight bars, curb and cornice brake; putting these frames together and setting same on job; putting circular work together. General review; making out bills of materials, and shop management.

Mechanical drawing throughout the year.

### HOUSE AND SIGN PAINTING

First Term: Decorative painting in oil and water colors. Plain and decorative wall paper-hanging. Graining and Hard Wood finishing.

Second Term: Show card writing; banner lettering; wall and fence advertising signs; scroll and letter carving; lettering on glass; brass sign making; wire sign making; letter building; large roof sign construction in wood and iron; electric and ornamental signs.

Mechanical drawing throughout the year.

### VEHICLE AND FURNITURE PAINTING

First Term: Furniture finishing; automobile painting.

Second Term: Automobile painting; monogram and scrolls.

### WHEELWRIGHTING

First Term: Building various kinds of gears, namely: business wagons, drays, dump carts, dump wagons, buggies and carriages.



A study of styles; making sketches from observation; planning; building various kinds of bodies, namely: business wagon bodies, dray bodies, dump cart bodies, dump wagon bodies, buggies and carriage bodies. Detail drawings of parts to scale. A thorough study of materials, properties and their composition and application. Geometry as applied to vehicle construction.

Second Term: Building fancy delivery wagon bodies, buggy and carriage bodies. Setting up jobs. Special attention given to developing original ideas. Geometry as applied to vehicle construction.

Mechanical drawing throughout the year.

### BLACKSMITHING

First Term: Making out bills of material for building vehicles; shop management. Making axle sets and measuring gears. Applying various angles in laying off work full size. Making 5th couplings. Study of the anatomy of a horse's foot. Leveling vehicle bodies. Making carriage fenders and dashers. Setting canopy tops. Making joints for tops and seats. Scientific horse-shoeing.

Second Term: Making platform gear irons. Finding volumes of different shapes of metals. Machine shop forging. General forge practice throughout the year. One month's work in wheelwright shop is recommended for students taking this course.

Mechanical drawing throughout the year.

### CARRIAGE TRIMMING

This course offers advanced study in drafting and computing amounts of materials required for various styles of vehicles. The chief aim of the course, however, is to afford a broad opportunity for acquiring a technique in workmanship, which shall fit the student to become thoroughly skilled.

First Term: Drafting various styles of cushions, backs, side-pads, falls, etc. A study of different types of vehicles together with trimmings adapted to each.

Second Term: Computing amounts of materials needed for jobs. A study of seams, welts, laces, falls, gimps, beadings and figures. Setting various styles of tops from drafts. A study of top construction. Lessons in padding, stuffing and pleating. Lessons in figure-stitching and forming raises. Lessons in trimming, curved and straight dashes and fenders.

Lessons in cutting materials for body trimmings. A study of rocker padding. A study of colors of trimmings best adapted to various styles of vehicles. A study of the characteristics of materials. A study of automobile trimming. Special lessons in tufting.



## HARNESSMAKING

The aim of this course is to meet the needs of students who, having completed the regular course or its equivalent, are desirous of doing advanced study in the theory and practice of fine grades of harness and riding saddles. Special emphasis is also laid upon purchasing materials, together with a supplementary study in the cost of production.

First Term: How to fit up and finish various types of bridles; pattern cutting; special lessons on operating harness machinery; special lessons in dyeing out various parts of harness, a study of breechings, breast collars and tugs. Some points about leather and trimmings. Lessons in designing various kinds of harness. Lessons in selecting and cutting leather for different parts of a harness. Making and setting stays.

Second Term: Making gig and flexible saddles, with tufted and short pads. A study of coach, landau, tandum and Victoria harness. Special lessons on strap and folded work. Lessons on purchasing materials for various types of harness. Supplementary study in the cost of production. Making various styles of riding bridles, and martin-gales. Supplementary study in making various styles of riding saddles.

## SHOEMAKING AND HARNESSMAKING

This course is offered to those who, having completed a regular course in shoemaking or harnessmaking, are desirous of specializing for one year. The object of this course is to furnish an opportunity for a graduate in either one of these trades to acquire a fair working knowledge of the other trades.

STEAM ENGINEERING AND MACHINE SHOP  
PRACTICE

Having just completed a new central Power Plant with modern steam, air, and electric machinery, the Post-Graduate courses are new and complete.

Steam engineering in all its branches may be studied from the practical operation of first-class equipment, as the plant is in operation twenty-four hours each day. Water tube boilers, hot and cold water pumping machinery, coal handling equipment, recording gauges and engineering instruments for aiding the student engineer in solving the mathematical part of power house management are here explained.

A combination of seven high speed, automatic, Corliss, and slide valve engines are operated.

A refrigerator plant is also included of ten tons capacity per day.

A complete compressed air system working at 100 pounds pressure is used daily to force water from five artesian wells and two one-half million gallon pumps furnish water to grounds and buildings while there is special machinery for use in high pressure pumping in case of fire on the school grounds. Power is furnished for the lighting system of 7,000 incandescent lamps, and the motors used in fourteen shops.

Steam heating lines for hot water supply and radiator systems are over six miles in length and furnish steam to thirty-one buildings on the grounds including a steam laundry and steam cooking utensils.

### ELECTRICITY

First Term: Alternating current machinery. The simple alternator; advantages and disadvantages of A. C. currents. Power law. Ohm's law for alternating currents. Graphic representations. Instantaneous and average power; synchronism; phase differences, inductance; capacity; impedance; condenser as compensator for lag; losses in transmission line; measurement of power in A. C. circuits; alternator, regulation; Y and Delta connections; balanced and unbalanced systems; alternator losses; efficiency and overload capacity.

Second Term: Storage batteries: primary and secondary cells. Electrolyte; chemical action; commercial types of batteries; charging; discharging; efficiency; depreciation; commercial applications; management of dynamos; selection of machine; location and erection; direct connection; parallel and series connections; speed regulation; rules for operation; inspecting and testing; locating and remedying troubles.

Mechanical drawing throughout the year.

### LINOTYPE OPERATING

This course covers one year and is designed to supplement the regular course in Linotype operating and is offered to persons who wish to become expert Linotype machinists and operators, taking care of the adjustments and repairs which usually arise in such work.

The equipment consists of two Mergenthaler linotype machines—one Model No. 1, and one Model No. 8, quick change, triple magazine. The course is as follows:

First Term: Theory and practice in machine adjustments. Care of matrices and spacebands. How to avoid troubles. Oiling.

Second Term: How to attain speed on the keyboard. How to set intricate tabular matter. Use of standard tools. Repairs.

Operating is taken up at the beginning and practiced throughout the course.

## TAILORING

The demand for the graduates from this division, to teach in Industrial Schools or to act as managers of shops has increased to such an extent that the school has arranged the following course. Students who have finished the regular course or its equivalent or who pass a satisfactory examination will be admitted to this course.

First Term: How to set up and manage a shop. Buying and selling. Manipulation of block patterns. Figuring the cost of a suit in detail. Teaching industrial classes. Drafting proportions. Mixed proportions. Study of harmony. Hotel suits.

Second Term: Degrees of deformation. Variation. Individuality. Domestic and Foreign woollens. The correct American dress chart. How to cut from style plates. Designing. Composition work required weekly.

## TRADE COURSES FOR TEACHERS

These courses are open to those who have graduated from a regular trade course or its equivalent, and who wish to especially prepare for industrial teachers by acquiring an elementary knowledge of at least four other elective trades.

Each course covers one year of nine months, two months being spent continuously at each trade, which makes up a group course and one month in agriculture.

## COURSES OF STUDY

GROUP COURSE (A)—CARPENTRY, CARPENTRY REPAIRS, PAINTING,  
TINSMITHING

CARPENTRY — First Month: Names, care and uses of tools; wood-work in manual training of carpentry.

Second Month: Wood turning, joinery, simple constructions.

CARPENTRY REPAIRS — First Month: Simple repairs on frame buildings; lock and key repairs; names of woods; glazing.

Second Month: Caning and upholstering, furniture repairs, kalso-mining, repairs in brick work and plastering.

PAINTING — First Month: Names, care and uses of tools; names of materials; mixing paints.

Second Month: Preparing surfaces, painting, lettering, varnishing, glazing.

TINSMITHING — First Month: Names, uses and care of tools; materials; suggestions on soldering; making repairs on tinware.

Second Month: How to care for copper bits; stove repairs; roof repairs; drafting.

AGRICULTURE.



## GROUP COURSE (B)

MACHINE SHOP PRACTICE, STEAM ENGINEERING, PLUMBING,  
APPLIED ELECTRICITY, AUTO MECHANICS

MACHINE SHOP PRACTICE AND STEAM ENGINEERING — First Month: Names, care and uses of tools; materials, filing and drilling; installation and repairs; installing injectors and jets.

Second Month: Practical firing, repairing small steam pumps.

APPLIED ELECTRICITY — First Month: Names, care and uses of tools; simple electric wiring; door bells.

Second Month: Storage batteries; care of small generators.

PLUMBING — First Month: Names, care and uses of tools; pipe fitting; materials and threading devices; making pipe connections.

Second Month: Installing valves, bibbs and basin cocks; repairing valves; making washers and discs; connections, embracing water backs and fronts to ranges, boilers, and hand pumps.

AUTO MECHANICS — First Month: Names, care and uses of tools; simple repairing; lessons on operating cars.

Second Month: Locating troubles and making repairs on gasoline engines.

AGRICULTURE.

## GROUP COURSE (C)

WHEELWRIGHTING, BLACKSMITHING, VEHICLE AND FURNITURE  
PAINTING, AND CARRIAGE TRIMMING

WHEELWRIGHTING — First Month: Names, care and uses of tools; repairing vehicles; constructing parts of one and two-horse wagon gears.

Second Month: Lessons on thimble-skein axle making; wheel building; repairing parts of buggies; building various types of bodies.

BLACKSMITHING — First Month: Names, care and uses of tools; simple forging, repairing vehicles, bending and fitting irons.

Second Month: Welding, paving and leveling horses' feet; driving nails; fitting.

VEHICLE AND FURNITURE PAINTING — First Month: Names, care and uses of tools; preparing surfaces for paints; various stains and their uses; different kinds of vehicle paints and their application.

Second Month: Various finishes and their treatment; quick methods of finishing vehicles.

CARRIAGE TRIMMING — First Month: Names, care and uses of tools; operating trimming machines; names and uses of materials; drafting parts of trimmings; how to make paste.

Second Month: Trimming dashers and fenders; proper methods of calculating amounts of materials needed for jobs; repairs on trim-



mings; putting in isin-glass; making buggy, carriage and auto curtains; binding rugs, lead patches.

#### AGRICULTURE.

### GROUP COURSE (D)

#### SHOEMAKING, HARNESSMAKING, TAILORING AND PRINTING

SHOEMAKING — First Month: Names, care and uses of tools; shoe repairing.

Second Month: Repairing continued.

TAILORING — First Month: Names, care and uses of tools; how to make button holes, serge, fell, back stitch and baste; making hip, side and watch pockets; cleaning, pressing and repairing.

Second Month: How to take measures; making waist bands; flies; how to baste up a pair of trousers, press the seams and cut them off.

HARNESSMAKING — First Month: Names, care and uses of tools; making waxed thread; practice stitching; making laps; punching holes; materials; making repairs.

Second Month: Making straps; cleaning and polishing harness; names of the parts of a set of harness; making simple parts.

PRINTING — First Month: General organization of a printing office: the composing room, the press room, the bindery; printing office equipment: type, furniture and machinery. Printing materials: ink, paper and card board, paste, glue, bindery material.

Second Month: Routing production: composition, proofreading, presswork, bindery. Class organization: preparation, course of study, methods of instruction, administration and management in a printing office.

#### AGRICULTURE.

### GROUP COURSE (E)

#### BRICKMASONRY, FOUNDING, MECHANICAL BOOKKEEPING, MECHANICAL SUPPLY AND MECHANICAL DRAWING

BRICKMASONRY — First Month: Names, care and uses of tools; composition of mortar; mixing mortar.

Second Month: Bonding walls; building piers; simple lessons in bricklaying.

FOUNDING — First Month: Names, care and uses of tools; setting molds of some of the simple designs to make use of the cope and drag flasks. The name and uses of facings on mold surfaces.

Second Month: The care of the cupola furnace; lining and repair work in melting; pouring green sand molds.

MECHANICAL BOOKKEEPING — First Month: Books, their classification, forms and rulings; purpose for keeping books of account; methods of bookkeeping.

Second Month: Journalizing, trial balance, balance profit and loss statement.

MECHANICAL SUPPLY — First Month: Classifying and grading lumber and other materials; receiving and checking in material; weighing and measuring out material.

Second Month: Pricing as per invoice; making out orders from catalogues; price lists and quotations; charging; general office practice; keeping stock sheets and taking inventories.

MECHANICAL DRAWING — First Month: Projecting drawings, true length of lines, development of surfaces.

Second Month: Specializing in any phase of drawing.

AGRICULTURE.

## DEPARTMENT OF WOMEN'S INDUSTRIES

For purposes of greater convenience and efficiency, the Department of Industries has been divided. The industries for young men and those for young women are in charge of separate Directors.

### DOROTHY HALL

Dorothy Hall, the Girls' Industrial Building, is a substantial structure fronting the Slater-Armstrong Memorial Trades Building. It is 120 feet by 144 feet in its greatest dimensions. In plan, it is in the shape of the letter "H," the front or central part facing the west. The south wing of the building and the central part are two stories high. The north wing is three stories high. The basement story contains four rooms. The first story contains eight large rooms, used for class room purposes, in addition to smaller rooms occupied as office, waiting room, telephone exchange, etc. The second story contains, besides four large rooms for teaching industrial classes, a series of guest chambers, remodeled from rooms formerly used as class rooms.

The building is well supplied with clothes closets, toilet arrangement, pantries, etc., and provided with wide halls and ample stairways. It is built of brick with wood trimmings, the roof being covered with tin. The interior finish is of hard pine, painted. Electricity is used for lighting. The building was largely constructed by student labor.

### HOME ECONOMICS — DOMESTIC SCIENCE

#### REQUIRED COURSE FOR ALL GIRLS BOTH IN THE NIGHT AND DAY SCHOOLS

Cooking, canning and pickling one hour each week. The instruction advances by classes parallel with the Academic grades. The aim of this course is to teach every girl in the institution how to prepare and serve a variety of simple, palatable meals—suited to the size, occupation and ages of the family—from the ordinary products of the home garden, dairy and poultry yard.

#### PREPARATORY COURSE

Measuring, fuels, care and adjustment of wood, coal, oil, alcohol, and gasoline stoves; cleaning of kitchen utensils, etc.; care of mate-

rials which come from market; study of cereals, corn, rice, Italian pastes: macaroni, spaghetti, etc.; their origin, climate, composition, food value, cooking; personal cleanliness, cleaning kitchen, pantries, closets; drawing of animals, their uses, products of each, how preserved, food value; study of fish, food value, composition; study of eggs, food value, composition; household cleaning—each room separately; refrigerators, sinks, etc.; treatment of insects; care of table linen; breads without yeast; corn bread, biscuits, muffins, pan cakes; vegetables, food value, cookery.

#### JUNIOR COURSE

Table setting; daily meals, special occasions; serving of daily meals, special occasions; care of glass, silver, china, brass; care of linen, marketing.

In this connection the girls, under the supervision of a teacher, receive instruction in marketing wisely and economically, at the Creamery, Poultry Yard, Truck Garden, Meat Market, and Grocery.

#### MIDDLE COURSE

Serving: daily meals, special occasions; special practice work in Teachers' Home under competent teachers; breads—with yeast, without yeast; vegetables—with meat, without meat; meats—boiling, steaming, broiling, roasting, frying; salads; souffles; puddings, candies; desserts; frozen sweets.

Care, uses and management of stoves, gasoline, oil, alcohol, chafing dish. Table setting for special occasions; serving meals for special occasions; planning menus; estimating cost; breads; pastries; soups; batters; simple cakes.

#### SENIOR COURSE

Table service; study, planning and cooking of breakfasts, luncheons, dinners, suppers; various methods of preparation and garnishing. Food production and manufacture; more advanced study of cereals, flours, fruits, vegetables, meats, dairy products, etc.

#### POST-GRADUATE COURSE

Theory and practice of Domestic Science; lesson plans, course of study, class-room management, equipment, practice teaching, etc.

There are set aside in the Division of Cooking a "Practice Kitchen and Dining Room" in which young women desiring to be cooking teachers, professional caterers, etc., may receive special training for their work.

A limited number of young women are admitted to this course each year.



Note books, uniform aprons and caps are required. Observation visits are made to the Poultry Yard, Orchard, Dairy Barn, Creamery, Slaughter House, Grocery Store and Truck Garden.

#### ELECTIVE COURSE OPEN TO THE TWO UPPER CLASSES AND

##### POST-GRADUATES

This division has a specially equipped "Practice Kitchen and Dining Room."

CATERING—Experience is given in catering for the social functions of the institution and community. Breakfasts and lunches served teachers, students and visitors.

SANITATION AND PUBLIC HEALTH—Lectures. Practical work on kitchen plumbing; simple repairs. Instruction by school plumber.

HOUSEHOLD AND INSTITUTIONAL ADMINISTRATION—There are lectures and class discussions with practical work in the office of the Girls' Trades Building.

Library of one hundred volumes, and three current monthly magazines on Home Economics is established in the "Practice Kitchen."

Wash dresses with special uniform apron and cap required.

EXTENSION COURSE—Two weeks' short course in January to farmers' wives and daughters. Opportunities for practice teaching in the Night School in the town of Tuskegee.

##### DOMESTIC ART

#### REQUIRED COURSE FOR ALL GIRLS BOTH IN THE NIGHT AND DAY SCHOOL

Care of model rooms in Dorothy Hall.

Care of own rooms in dormitories.

Lecturing on kindred subjects. Note books. Theme work.

#### REQUIRED COURSE FOR ALL SENIORS

PRACTICE COTTAGE—Senior girls go in groups of five for a period of five weeks to this five-room cottage. They have entire charge of themselves and the house, purchasing food supplies, arranging menus, etc. They are required to make an accurate weekly statement of all expenditures of the home.

MANUAL TRAINING—One hour a week.

FREE HAND DRAWING—One hour a week (color and design).

LAUNDERING—One hour a week.

HOME CRAFTS—One hour a week.

MILLINERY—One hour a week.

PLAIN SEWING—One hour a week.

(Model book-set of underwear, dress required to be made by each girl.)

#### REQUIRED COURSE FOR POST-GRADUATES

Candidates for this course must have previously received the preceding courses as prescribed in this catalogue, or they must satisfy the director that they possess equivalent attainments.

SEWING—Costume designing: (a) sketching; (b) studying the human form; (c) designing gowns. Art needle work. Varieties of stitchery.

MILLINERY—Drawing; water-color designs; designing drapery bows; hats; outline and proportion of human head; adaptation of different styles to the face; designing of hats.

COOKING—Laboratory work; composition of foods, analysis; critical study of twelve typical foods; food economics.

#### SEWING

##### ELECTIVE COURSES OPEN TO ALL STUDENTS IN THE DAY SCHOOL

PLAIN SEWING (ONE YEAR).—Threading needle and the use of thimble, basting, overhanding, stitching, overcasting, gathering, putting in gussets, herring-bone stitching on flannels, hemstitching, tucking, and whipping ruffles, chain stitching, feather stitching, making button holes and eyelets; darning on cashmere, slip and blind stitching, mending, darning, patching.

Names of sewing machines and parts, attachments, uses, how to clean, oil and operate the machine; machine stitches; choice of material; cutting and making men's underwear, also white and negligee shirts; taking measures, cutting white shirts by measure; cutting, basting, stitching and trimming underwear; cutting and making plain cotton dresses. Model books.

Note.—This course is intended for hand-sewing, giving practice in all kinds of stitches on suitable material. Theory class in the sewing room, Wednesdays and Thursdays from 10:45 to 11:45 a. m., and 2:00 to 3:00 p. m.

DRESSMAKING (TWO YEARS).—Measurements according to the Vienna Tailoring System; choice of material; drafting and cutting foundation and outline skirt measurements; making, hanging, facing and trimming skirts; talks on form, line and proportion in relation to drafting and trimming; drafting, cutting and fitting, and general finish of plain basques.

Drafting waists, sleeves and accessories to waists from measurement; drafting waists with extra seams for stout figures; cutting and fitting close and double breasted garments; fitting and matching

stripes, plaid and figured waists and skirts; talks on form, including artistic and hygienic principles of dress, on colors and textiles, as applied to dress; advanced work in making complete dresses from different materials. Much time is devoted to practical work.

Cutting, fitting and pressing; practice in the use of colors; talks on manufacture of cloth; drafting jackets of different styles, making various styles of collars and pockets; lining and finishing pockets; drafting garments of every kind; making and finishing garments of various kinds from different materials. Theory classes, Wednesdays and Thursdays from 10:45 to 11:45 a. m., and from 2:00 to 3:00 p. m.

Note.—Night School students are not admitted to this division.

ADVANCED DRESSMAKING (ONE YEAR).—This division is designed to teach tailoring and advanced dressmaking. Tailor-made suits, designing and costuming are specialties of this division. Post-graduates only and young women completing the dressmaking course are admitted to this division.

Note.—All uniform dresses are made in the Dressmaking Divisions.

## MILLINERY

(COURSE COVERS TWO YEARS)

First Year: Talks on color and textiles; instruction in choice of materials, wiring folds, bindings, fitted facing, full facing, puffed edges, variety of bows; talks on the manufacture of felt and straw hats, and of ribbon, on form and line; principles applied to a hat of choice, materials, drawing pencil practice, cylindrical objects, untrimmed hats, drapery, bows.

Second Year: Instruction in the use of color, form and line; plain bonnets covered, trimmed and lined; talks on manufacture of crepe and the growth and manufacture of silk; crepe bonnets, silk hat or bonnet-making, toque and turban-making; drawing trimmed hats and bonnets; notes on form and color; practice in use of combination of colors.

Note.—All uniform hats are made in this division.

## LAUNDERING

(COURSE COVERS TWO YEARS)

Young women are taught the art of washing and ironing according to improved methods; five washers, two extractors, a mangle, and a starcher help to lighten the work of the division. Drying rooms and ironing rooms provided with excellent facilities afford means for thorough teaching. All of the laundry work of teachers and students, including washing of bed and table linen, is done in this division.

Water: (a) definition, (b) kinds, (c) uses; soaps: alkalies; irons:

(a) kinds, (b) uses; washing: (a) preparation, (b) how to wash flannels, linens, prints; drying; preparation for ironing; miscellaneous work: laundering laces, silks, etc.; receipts for making soap, bleach, removing stains; practice work; studies in chemical analysis of bluing: kind; starch: varieties; acids: kinds, uses; preservers of color in fabrics; machinery: use, care. Theory classes, Wednesdays and Thursdays from 10:45 to 11:45 a. m.

#### SOAPMAKING

Facilities for soapmaking have been added to the Laundry Division. Combined with the course in laundering is the making of various kinds of soap for toilet and other purposes. Theory classes, Wednesday, 10:45 to 11:45 a. m.

#### DOMESTIC TRAINING OF GIRLS

It is the policy of the Institute to give special attention to the training of girls in all matters pertaining to dress, health, etiquette, physical culture and general housekeeping. The girls are constantly under the strict and watchful care of the Dean of the Woman's Department, the Director of Women's Industries, and the lady teachers. Special rules governing the conduct of the girls are made known to them upon arrival. In addition to the general training they receive practical talks from various members of the faculty on such matters as relate to the care of the body, social purity, physical development, etc.

#### PERSONAL HYGIENE

Facilities are provided for bathing, swimming, and special treatment and care of the scalp and hair.

#### HEMECRAFTS

##### (COURSE COVERS THREE YEARS)

MATRESSMAKING—Repairing, covering, cutting, preparing materials for mattresses, making comforters, making mattresses and pillows; cording boxes; beginning chair caning on frames; drawing individual patterns for chair bottoms designed from studies; estimates of cost of different materials used for window seats in upholstering; measurements; cutting and making.

Studies in designing for caning and making chairs, practice work; upholstering box couches, hassocks, window seats; test work in designing and making articles manufactured in this division. Written reports on the past work, with special reference to present practice. Mattresses, pillows, etc., for the institution and community are made here.



## BASKETRY AND BEAD WORK

Material, native; gathering and preparation; study of form and combinations; twisting, sewing, knotting, etc.; practice in simple forms.

Work in raffia, reed and splint work in native material continued; combination of forms; practice work in type forms; combination of materials; study of ancient and mediaeval designs; theory of basketry; individual designs from nature, scroll and decorative work.

Indian and African basketry; belts, beadwork fobs, chains, review of forms and designs; decorative art; combination of colors; harmony in materials by constructive work; comparison of ancient and modern basketry; combination of these forms; constructive art developed; practice teaching; practical work in making and repairing cotton baskets, hampers; beadwork continued. Splints, pine needles, corn shucks and other native materials are used.

## BROOMMAKING

Broommaking, connected with basketry for girls, is an industry recently introduced. Practice is given in use of machinery, in cleaning and dyeing broom straw, assorting stalks, sizing, wiring, stitching and manufacturing brooms of all sizes. Brooms of all sizes for the institution and community are made here.

Theory classes are held Wednesdays and Thursdays from 10:45 to 11:45 a. m., and 2 to 3 p. m.

## RUGMAKING

Braided rugs and rag rugs woven on hand loom.

## CHAIR SEATING

Cane, corn shucks, splints, etc.

## HOME DECORATIONS

Box furniture, curtains, walls, fixtures, pictures, floors, etc. Special Homecrafts aprons and caps are required. Note books.

## CHILD NURTURE

In 1908 the first attempt was made to complete the course of instruction in home and household duties by the addition of a course in "child nursing and nurture." The work in this department is connected, on the one hand, with the work of the Hospital Training School, and on the other with that of the school Kindergarten. The Institute thus has peculiar opportunities for young women to become intelligent in the care of children. A large room has been set apart

in Dorothy Hall and equipped with all the furnishings of a nursery. Among other things, the room has been provided with the beginnings of a children's library where students have an opportunity to become acquainted with some of the best literature for children. The head nurse at the Hospital, the Dean of the Woman's Department, and the teacher of the Kindergarten, upon alternate days of the week, give all the girls of the school, instructions in subjects connected with the care and training of children. The work is carried on by means of talks and demonstrations which cover the following subjects:

#### THE INFANT

Room: furnishings, temperature, size. Bath: time and frequency, things needed for giving and care to be exercised in giving baths, special baths, powders and lotions. Care of eyes and mouth. Wardrobe: caps, dresses, undergarments, wraps, gloves, etc. Clothing: style, texture, length, size, etc. Bed: furnishing basket equipment, etc. Training: regularity in feeding, time for sleep, bowel movements, etc.

#### CARE OF CHILDREN

Food: natural and artificial, quantity to be given, care of vessels used in preparing and giving nourishment. Exercise: out of doors, in the nursery, treatment of the physical disorders, the teething period and its ills, how to treat the fears of infants, selection of the cart and carriage; the nurse and her qualifications. How to care for simple injuries and ordinary childhood diseases; teaching the child to walk and speak correctly; the evils of teaching the child to stand or

#### THE OLDER CHILD

The Nursery: furnishings, location, heating, lighting, size, etc. Baths: care of teeth, eyes, nails, and clothing. Food: proper and improper. Sleep: exercise in the nursery, out of doors. Amusements: stories, songs, games, pets, toys, playmates, etc. Care of children when bad, when afraid; improper requirements, etc. School age, dress, food, amount of study, exercise indoors and out of doors, sleep required.

#### OUTDOOR INDUSTRIES

The following activities (not under the school Girl's Industries Department) may be elected by a limited number of girls: Floriculture, Truck Garden, Orchard, Poultry Yard, Creamery.

This course is designed for the A Middle and Senior Classes of

girls. The aim of this course is to better equip teachers to meet the demands of the Jeanes Fund Board regulations.

The course covers a period of two years and is based upon Bailey's text-book on Garden Making.

A theory lesson will be given once a week, supplemented by practical work.

#### FIRST YEAR

**Vegetable Gardening.** This includes the study and lay out of the vegetable garden; the use of glass in hot beds, cold frames and forcing hills, the soil, its treatment and fertilization; tools in vegetable gardening; seeds and seeding; irrigation, double cropping, transplanting, weeds, insects and fungi, packing, storing, and marketing vegetables, classification of vegetable crops, roots, tubers, bulbs, the cabbage and cauliflower class, herbs, as lettuce, celery, etc.; peas, tomatoes and peppers, cucumbers, squashes, melons, etc., sweet corn, sweet herbs, perennial crops, such as asparagus and pie plants.

Botany will be correlated with the special study of each plant named.

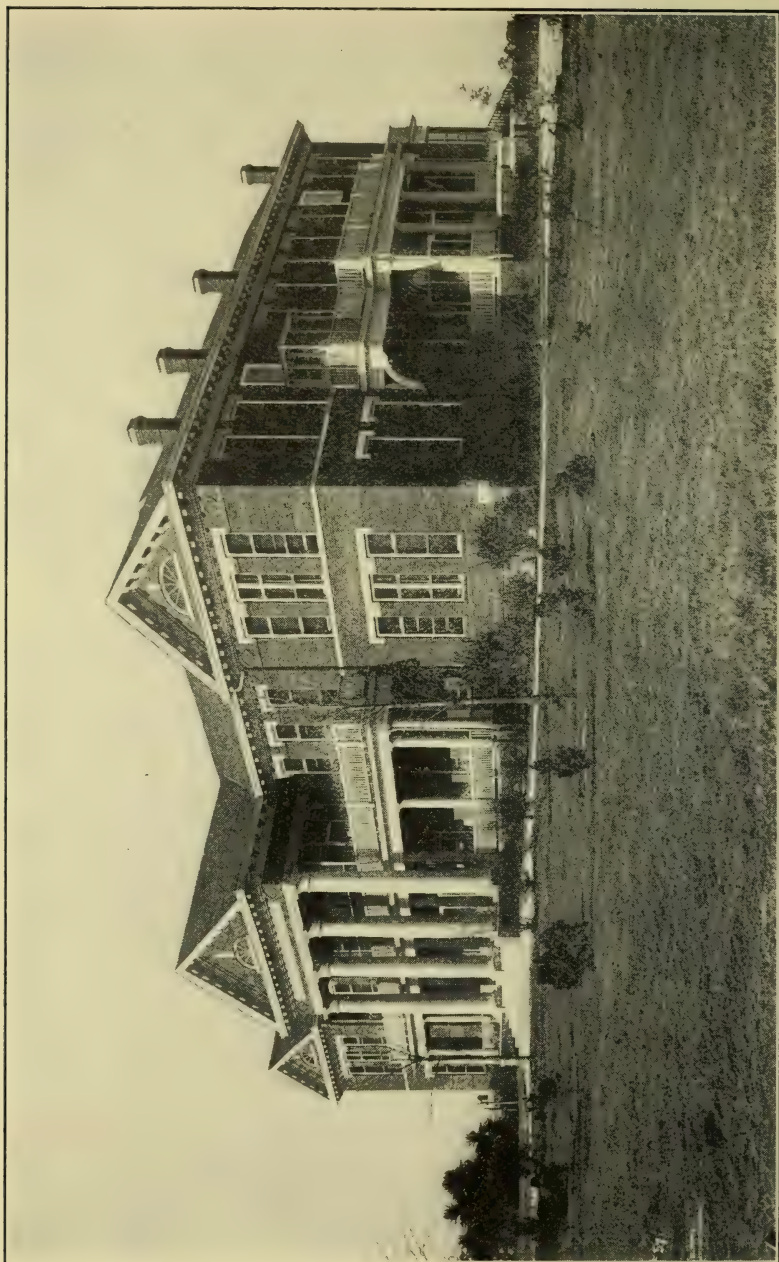
#### SECOND YEAR

**Ornamental Gardening.** This includes the study of the arrangement and the beautifying of the home grounds.

The following topics are studied: The plan of the place; the relation of the vegetable garden to the ornamental garden; the choice of plants, trees and shrubs, their position; lawns, how made and cared for; hedges and hardy climbers; rural school grounds; method of transplanting native shrubs and trees, evergreens, bedding plants, roses and bulbous plants; the propagation of tender and hardy plants.

**Fruit Garden:** Its location, choice of variety, planting, fertilizing, pruning, spraying, methods of protecting from frost, diseases and insects.





JOHN A. ANDREW MEMORIAL HOSPITAL



## HOSPITAL AND NURSE TRAINING SCHOOL

The John A. Andrew Memorial Hospital is a large, modern, well equipped general hospital, offering excellent opportunities for the education and training of nurses. It is a brick building, two stories high, lighted by electricity, heated by steam, has hard wood and tile flooring and modern, sanitary arrangements. It has a capacity for seventy-five patients without overcrowding. This institution gives an opportunity to young men and women to learn the art and science of Nursing.

Candidates should be between the ages of twenty and thirty-five years, of average height, and must be in sound physical condition. To enter this institution, they must make the Junior Class; in order to specialize, that is, devote their entire time to Nurse Training without carrying academic studies, they must either pass an examination or furnish credentials with reference to their previous educational work, which will entitle them to admission to the A Middle Class in our Academic Department. They are admitted after formal application, accompanied by at least three letters of recommendation, one of which should be from a physician, testifying concerning their health and physical ability to take up the study of Nurse Training.

Candidates are kept on a term of probation, not exceeding two months. At the end of this period, those who prove satisfactory are admitted as pupil nurses. The course covers a period of three years, twelve months each, with two weeks' vacation each year.

The practical work gives ample opportunity for thorough and varied experiences in nursing in all its branches: medical, surgical, obstetrical, gynecological, nursing of children, and chronic and helpless patients, and the care of epidemic and contagious diseases.

One special advantage offered here is that young men and women can get the advantage of their training as nurses while taking the academic studies, but are encouraged to finish their academic work first, and then to devote their entire time to Nurse Training. This has been found to be far more satisfactory to the pupil and the management alike.

The work is under the supervision of the Medical Director, with his eight assistants. A very practical course is outlined and con-

scientifically followed. The management of the Hospital insists that every graduate nurse shall have covered the entire course as outlined. Great stress is placed on demonstrations, as well as didactic lectures and quizzes.

The Nurse Training School was founded in 1892, since which time it has sent out one hundred and fifteen graduate nurses and a number of under-graduates, who are located in nearly all of the States of the South and some of the States of the North and West, and who are making very creditable records for themselves and for the institution. An unusually large number of our graduate nurses are acting as Heads of hospitals and infirmaries, and one for quite a while did Social Service Work in the city of Cleveland, Ohio. A number of the young men who take Nurse Training have taken subsequent courses in medicine, and have testified that they experienced immediately their advantage over their classmates by reason of having had this course. Some of the other young men are making good records as male nurses; one of them is in the Phillipine Islands with the United States Army.

Our Training School is now registered under the laws regulating the training of nurses in the State of Alabama, and it is gratifying to state that we have just learned that every member save one of the class of 1916—fifteen in all—has received certificate as a registered nurse under the laws of the State; this one has filed application, and is expecting soon to be registered.

Examinations, both written and oral, are held at stated periods, and nurses cannot pass to graduation unless they attain the required average. The course of study is as follows:

#### JUNIOR YEAR

First Term: Hygiene, Nursing Ethics, Practical Nursing, Materia Medica, Anatomy and Physiology. Demonstrations: Dietetics, Massage and Hydrotherapy.

Second Term: Practical Nursing, Materia Medica, Anatomy and Physiology, Chemistry, Dietetics, Demonstrations.

#### MIDDLE YEAR

First Term: Surgical Nursing, Demonstrations in Practical Nursing, Bacteriology, Anesthesia, Massage, Urinalysis, Medical Nursing.

Second Term: Pulmonary Diseases; Child Nursing (Pediatrics), Private Nursing, Contagious Diseases, Cardiac Diseases, Materia Medica (review), Practical Nursing (review), Hygiene (review), Dietetics.

**SENIOR YEAR**

First Term: Surgical Nursing, Demonstrations in Practical Nursing, Bacteriology, Anesthesia, Massage, Medical Nursing, Hospital Economics, Eye, Ear, Nose and Throat, Obstetrics.

Second Term: Gynecology, Pulmonary Diseases, Private Nursing, Mental Diseases, Anatomy and Physiology (review), History of Nursing, Social Service, Materia Medica (review), Practical Nursing (review), Dietetics (review), Hygiene (review).

**SPECIAL**

A separate course of lectures on genito-urinary diseases is given to the young men who are in Nurse Training.

## BAND AND ORCHESTRA

Two Bands, an Orchestra and Bugle Corps offer exceptional advantages to students who desire these branches of music.

The Concert Band is composed of fifty-two pieces with the following instrumentation: 2 flutes, 1 piccolo, 1 oboe, 10 B flat clarinets, 1 E flat clarinet, 1 alto clarinet, 1 bass clarinet, 1 bassoon, 4 saxophones 8 B flat cornets, 6 E flat mellophones, 6 B flat trombones, 2 B flat baritones, 3 basses, 1 double bass, 1 bass drum, 2 side drums, and 1 set of tympani. This Band plays all military formations as prescribed in army regulations. Concerts and social functions are also included in the routine.

A Beginners Band of from twenty-five to forty pieces is maintained for the benefit of young players.

First Term: Rudiments of music, intervals, scales, chords, etc. Selection of instrument, correct posture, tuning. Exercises for development of tone, execution, etc.

Second Term: The history and evolution of present day instruments: their relationship to voice and piano. Studies by Arban, Langey and other recognized composers. Preparations of programs for church services, literaries and concerts. Introduction of elementary harmony.

Third Term: Harmony, Instrumentation, Composition. Prout, Griffe, Mason and other studies. In this quarter the student is given opportunity to write Negro melodies and orchestrate Negro folk songs.

The Orchestra is composed of twenty-five pieces and is picked from the personnel of the Band.

A course of study similar to that of the Band is pursued with additional opportunity to learn correct bowing, orchestra ensemble playing and conducting.

The Orchestra plays for religious, social and all similar occasions.

Bugle Corps: In conjunction with the Battalion a Bugle Corps is maintained, consisting of 12 army regulation bugles; 4 regimental drums and 1 bass drum. Army regulation calls are used on drill and other formations. The Bugle Corps plays on all military formations as prescribed in army regulations.



## BUSINESS AGENT'S DEPARTMENT

The Business Agent is responsible for the purchasing of food, fuel, materials, supplies and practically everything used by the school in all of the departments. His duties also include selling, transportation—freight and passenger, renting, and the serving of meals to teachers and students who board on the Institute grounds. The Business Agent's Department includes also the General Stores Division, which embraces a commissary and meat market. Outside of the training in the General Stores Division through the activities incident to this kind of department store, there has been arranged a special course of study including Meat Marketing and Butchering. The Dining Hall Division has also a course of study including Baking. The courses outlined in this Department are supplemented by special lectures by the Business Agent or his assistant, covering methods and management.

### MEAT MARKETING AND BUTCHERING

#### FIRST YEAR

First Term: The care of the slaughter house, the care and use of tools. The study of different types of animals for slaughter; how they should be fed, etc. Killing, dressing and dissecting.

Second Term: Treatment of meats and the general use of the offals; killing and dressing poultry; general review.

#### SECOND YEAR

First Term: The care of the meat market; names and care of machinery, tools and utensils. Market arrangement and the care of refrigerator; dissecting the animal; how to make different cuts, etc.

Second Term: Cutting meat to the best advantage; preservation of different meats; shop management; manufacture of different kinds of sausage; general review.

#### THIRD YEAR

First Term: Merchandizing. Pricing goods; how to figure operative cost; study of the different causes for loss. Methods of figuring profits on different lines. Store arrangement, displaying goods, study of sales methods. Service to customers.

Second Term: Buying. Study of the different terms, discount, invoices, filing; keeping of such records as are handled in store; systematic stock keeping; making inventories; general review.

### BAKING

Students in this division are required to adopt proper sanitary regulations in dress and personal cleanliness. They receive instruction in theory and practice. Theory classes are held twice a week and include lectures and demonstrations. Daily practice is given in making bread, pies, cakes, etc., for the entire school and community.

#### FIRST YEAR

First Term: Care of bake shop; cleaning; names and care of utensils and machinery; methods of firing and testing; temperature of the oven; setting sponge; standard temperature of sponge and dough during fermentation; methods of testing sponge and temperature of shop.

Second Term: Methods of delaying and quickening fermentation of sponge and dough; making straight and sponge dough; shaping bread, rolls and buns; methods of proofing bread and rolls before baking.

#### SECOND YEAR

First Term: Management of the oven; bench work; pastry work. Methods of utilizing stale bread; kinds of flour; testing winter and spring wheat, rye, and graham flour. Methods of making ice creams, water ices, punch, etc.

Second Term: Chemistry of baking; yeast and its method of growing; neutralization of acids in bread making. Practice of making and icing various kinds of cakes; fillings for cakes. Custards and pies, salads, cake decoration for various occasions.

# DEPARTMENT OF LANDSCAPE GARDENING

## COURSE I

A practical course covering a period of one year and designed for students who are working in the department daily.

First Term: Soils, fertilizers, manures, transplanting of trees and shrubs, etc.; pruning and care of trees; construction of walks, drives and drains.

Second Term: Cement, mortars, concrete, sands, grading, lawn making, sodding, grasses and care of lawns; flower beds and propagation.

## COURSE II

Both theoretical and practical, covering a period of one year and designed for the Post-graduate students and Senior students in Agriculture.

First Term: The theory of landscape gardening, with practical applications to special problems. Designing and making detail plans with estimate cost. The construction of drives and footways. Text book.

Second Term: Lawn making, grasses, trees, shrubs, transplanting and their care. Flower beds, borders, propagation and tree surgery. Text book, "Care of Trees," by B. F. Fernow.

## DEPARTMENT OF BUILDINGS AND GROUNDS—HOME ORNAMENTATION

This course comprises twenty lessons for Senior and post-graduate students in Agriculture. The following are some of the topics treated:

Ornamenting new home grounds, preparation of land; trees; their planting and care; shrubs, hedges and hardy climbers, walks and drives; renovating and improving old homes, county roads, and roadside improvement; parks, public squares, school grounds, etc.; ornamental trees, hardy herbaceous plants, bedding plants, grasses and ferns, tree surgery and common enemies to tree life.

### FLORIST DIVISION

The Institute is provided with two modern greenhouses, one 22x75, and the other 23x38. Brick foundations extend three feet above the ground, on which are placed the glass superstructures, giving ample light. The roofs are provided with ventilators running the entire lengths, working with hand cranks. The greenhouses are heated by steam and lighted with electricity. They give an excellent opportunity for students to learn the proper methods of growing plants and flowers. As the climate is mild a large number of plants and vegetables are grown in hotbeds and cold frames through the winter months. Students in this division are taught practically everything that is carried on in a commercial greenhouse establishment, such as bedding, potting and blooming plants for the house, cut flowers and designs for funeral work.

The course of study covering three years is planned to equip thoroughly in the practice and theory of greenhouse work. The following is the course of study:

#### FIRST YEAR

First Term: Soil; manner of preparing for potting different kinds of plants; lifting and potting plants from the open ground; propagating cuttings from plants outside; planting and care of flowering bulbs; care of the propagation bed and kind of sand to be used. Propagating hard and soft wood plants by cuttings, roots, and seeds;



studying diseases and insects that attack plants; feeding and watering plants; sowing vegetable seed.

Second Term: Construction of hot beds and care of same; construction of cold frames; building and caring for lawns, walks and flower beds; planting and caring for young plants in the field; feeding and watering plants; transplanting vegetable plants.

Industrial classes during the year.

#### SECOND YEAR

First Term: Preparation of soils; use of commercial fertilizer, propagating and trimming shrubbery, growing chrysanthemums. Propagation, bedding and herbaceous plants; floral designs.

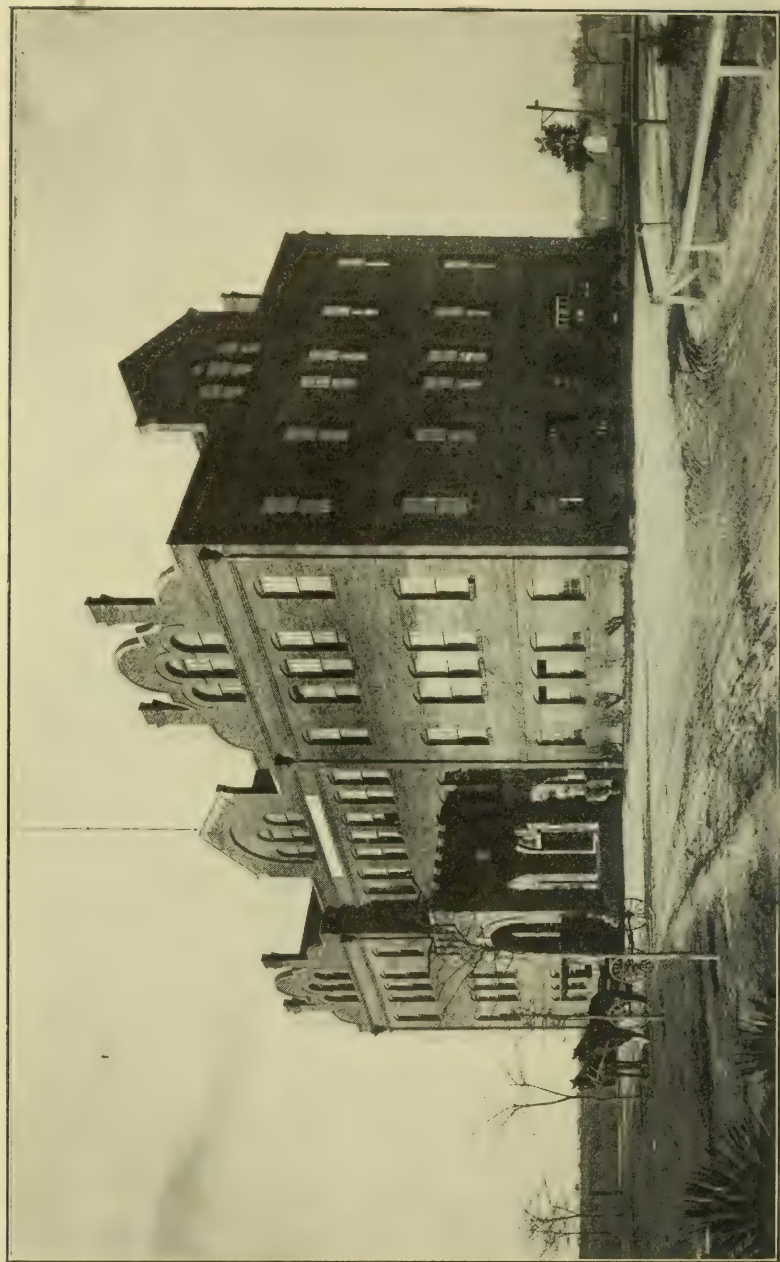
Second Term: Care of rose and carnation house; care of cut flowers; making floral designs; combination of colors and heights of plants in bedding.

Industrial classes during the year.

#### THIRD YEAR

First Term: Care of chrysanthemums; greenhouse construction; heating of same; review of first and second years' work.

Second Term: Computing the number of plants required for definite spaces; care of cut flowers, including packing and shipping; care of palms, ferns and decorative plants; making bills of material; greenhouse management.



MILBANK AGRICULTURAL BUILDING

## DEPARTMENT OF AGRICULTURE

The Department of Agriculture is divided into the following divisions:

Farms Crops; Truck Gardening; Fruit Growing; Care and Management of Horses and Mules; Dairy Husbandry; Dairying; Swine Raising, Beef Production and Slaughtering; Canning; Veterinary Science; Poultry; Farm Bookkeeping; Farm Engineering.

The demand for men trained in these divisions has become so great that for the past few years the school has given more attention to the development of these industries than perhaps to any other phase of its work.

The school farm consists of 2,400 acres: 1,000 acres of this land are under cultivation. In the Farm Crops Division it is the plan to raise all foodstuffs as nearly as possible for the livestock owned by the school. The young men in this division get a splendid opportunity in general farming and in the use of improved farm implements and intensive methods.

Three or four crops are grown each year on our Truck Garden, in which there are sixty acres used in growing vegetables for the school and town. This division has realized from \$300 to \$400 an acre on some of its garden land. The Truck Garden operates a vegetable wagon.

Peaches, strawberries, grapes, plums, pears and figs are grown in the Fruit Growing Division. 120 acres are devoted to this kind of work.

The Division of Care and Management of Horses and Mules has 130 head of stock under its charge, which are used to do the work on the farm and the hauling for the school.

The Dairy Husbandry Division contains a herd of 150 head of cattle, which supply milk to the dairy. This is made into butter and cheese or sold as whole or skim milk to the Boarding Department of the school and to the town.

The Swine Raising Division of 450 hogs supplies most of the meat for the school, and at the same time offers training to students along these lines.

Through the beneficial gift of the Milbank Agricultural Hall this Department has been comfortably housed and centralized. This en-

ables the boys to combine more closely the field and class-room work.

The Milbank Agricultural Hall is located near the middle of the farm and is the real center of the agricultural life of the school.

The general plan is rectangular, being sixty feet wide by one hundred and twenty feet long. It is three stories high. The principal side of the building faces South.

The first story contains three large rooms. The room on the North side, nineteen feet wide and the full length of the building, is used for creamery purposes. It is fitted up with both hand and power machinery of the most modern type. On the South side is a hog-cholera serum laboratory. This room is nineteen feet wide by fifty feet. On the same side is a class room, nineteen feet by forty, for studying livestock. This room is fitted up with raised seats so as to give every student a good view of the animal studied. Separating the dairy from the other two rooms is a driveway eleven feet wide.

The second floor contains the laboratories, museum, two class rooms, and offices for instructors.

The third floor contains an assembly room with a seating capacity of three hundred, and nine class rooms.

Wide stairways give easy and convenient passage from one story to the other. Externally, the building is constructed of brick with stone trimmings. The roof is covered with slate. The interior trimming is of Southern pine, finished in the natural wood. The walls are plastered. It is lighted by electricity and heated by steam.

Architecturally, the building is very pleasing, and adds distinctly to this portion of the grounds.

## COURSES OF STUDY FOR STUDENTS OF THE AGRICULTURAL DEPARTMENT

(For subjects other than Agricultural, see Academic Course.)

### JUNIOR YEAR

First Term: Soils in general and how to improve them; formation of soils; soils classified according to formation; agricultural classification of soil; relation of soil to water; preservation of soil moisture; methods of improving the soil by tillage; methods of plowing; prevention of surface washing; terracing; system of terraces. Manuring in general; when and how to apply manure; barn-yard manure and commercial fertilizer compared; kinds of manure.

Second Term: Fertilizers, general and special; fertilizers supplying nitrogen; fertilizer supplying potash; fertilizer supplying phosphoric acid. Drainage; kinds of drains; reasons for irrigation; sources for water; farm machinery; manipulating and running machines.

References: "Soils," by Brooks, Lyons and Flippin; Bulletins.



## B MIDDLE YEAR

First Term: Farm crops: corn, oats, cotton, potatoes, sugar cane, cow peas, wheat, vetch, sorghum, peanuts, velvet beans, soy beans, rice; origin, history, distribution and uses of each; preparation of soils; fertilizers; cultivation; harvesting; rotation of farm crops.

Second Term: Garden crops; the use of cold frames and hot beds in the growing of garden crops; fertilizers; marketing of crops; storage of products. Orchard crops; propagation of fruit trees; grafting; budding; selection of site for an orchard; care of an orchard; pruning; study of fruit buds; plant feeding; fertilizer formulae; insects and insecticides. Canning. References: Bulletins and current literature; "Farm Crops," by Hunt and Duggar; Farmers' Bulletins and Nursery Catalogues.

## A MIDDLE YEAR

First Term: Domestic animals; study of the origin and characteristics of leading breeds of horses and cattle; swine; selecting and judging for specific purposes; care and management of horses, cattle and swine. The study of horses and mules, hogs and poultry, with regard to breeds, classes, utility.

Second Term: Breeding of livestock; heredity; diseases; fecundity and how affected; feeds and feeding of farm animals; influence of feed upon milk; rations for growing animals; rations for meat production; dairy products; milk, butter, cheese, testing of milk, butter-making, cheese-making.

References: "Livestock," by Brooks and Craig; "Dairying," by Wing.

## SENIOR YEAR — AGRICULTURAL CHEMISTRY

First Term: General study of elements present in air and soil; determination of water and ash in plants; organic compounds found in plants, analysis of foods, feeds; determination of crude fibre; study of food values. Chemistry of milk and milk products; chemistry of soils and manures; a calculation and study of fertilizer formulae.

Second Term: Chemistry of soils and fertilizers; analysis of soils and fertilizers with regard to their content of potash, phosphoric acid and nitrogen; relation of composition of soils to their crop-producing power; analysis of manures.

The last half of the term consists of a general application of chemistry to agricultural problems, special reference being given to income and outgo of the elements which determine the success or failure in crop production.

References: "Chemistry of Soils and Plants," by Snyder; "Agricultural Analysis," by Wiley; Lincoln and Walton's Analytical Chemistry.

The following two years' courses are taught in each division in connection with the general course in agriculture:

## FARMING

### FIRST YEAR

First Term: Farm implements and how to use them; use, care and repair of improved farm machinery; soils and how to prepare them; manures and their uses; drilling grain; farm crops; how to plant, where to plant; tillage; cultivation.

Second Term: Intensive and extensive farming; storing and keeping root crops; sweet potatoes, rutabagas, carrots, mangles, and parsnips; hot beds, cold frames and their uses; how to market farm products on local markets and methods of shipping; farm bookkeeping.

### SECOND YEAR

First Term: Fertilizers; mixing; kinds for different crops; fertilizers versus manures; rotation of crops, importance; farm machinery; operating gasoline engines, boilers, thrashers, shredders and hay press; harvesting and storing different crops; insects and diseases injurious to farm crops.

Reference: Duggar.

## TRUCK GARDEN

### FIRST YEAR

First Term: Location of garden; planning the garden; plans for home and city gardens; study of trucking tools and their repairs; soils best adapted to gardening and trucking; manuring and fertilizing; value and care of barnyard manure; manures best adapted for trucking; uses of commercial fertilizers; seed bed; construction and uses of hot beds and cold frames; time and method of seeding in hot beds, cold frames and garden; seed testing.

Second Term: Transplanting; double cropping; irrigation; time and method of cultivating crops; time, method and care in harvesting crops; method of local and distant marketing of crops; storing; classification of vegetable crops.

### SECOND YEAR

First Term: Cold storage; drying and storing; digging and storing; packing; saving seeds; selection and care of seeds; utilization of catch crops; preparation of vegetables for home and market use.

Second Term: Insects, fungus and bacterial diseases injurious to

garden crops; methods for the control of weeds; preparation and uses of insecticides and fungicides.

References: "Principles of Vegetable Gardening," Bailey; "Up-to-date Truck Growing in the South," Davis; Bulletins and Circulars.

## FRUIT GROWING

### FIRST YEAR

First Term: The relation of fruit growing to horticulture and agriculture; the classification of fruits in general; the geography of fruit growing. The business side of fruit growing; influence of forests on fruit growing; selection of trees for planting; nursery practice; age of plants and trees before setting.

Second Term: Laying out of fruit farms; setting trees and plants; when to buy; tillage of fruit lands; texture and conservation of moisture; tools used.

Reference: Waugh and Bailey.

### SECOND YEAR

First Term: Cover crops; fertilizers; how plants feed; pruning; budding and grafting. Care of fruit farm; cultivation; diseases of the orchard; vineyards and their treatment; practice in making and applying spray mixtures; insects of the orchard and methods of combating.

Second Term: Harvesting and marketing fruit; picking for canning and shipping; packing and grading; packing-house methods.

Reference: Thomas, Waugh.

## CANNING

### FIRST YEAR

First Term: Selecting and preparing fruits and vegetables for canning; effect of quality on the canned product; methods of sealing jars and tin containers; making soldering fluids.

Second Term: Methods of cooking and sterilizing fruits and vegetables; management of high-temperature boiling solutions for canning vegetables and meats.

### SECOND YEAR

First Term: Making jams, jellies, preserves, and fruit butter; preparation of catsup; making vinegar and sauerkraut.

Second Term: Study of fermentation; food values of canned products; methods and equipment suitable for home and small commercial canneries; market grades of canned goods.

During the summer vacation, the institution operates a steam canning plant for the double purpose of preserving its own stock of fruit and for teaching the industry of canning to a class of students who remain at the school during the vacation. In an average fruit year about 100,000 gallons of fruit are put up by the plant. One-gallon tin cans are mostly used. Most of the fruit other than blackberries comes from the orchard of the school. Generally about 2,000 gallons of blackberries are canned. Sweet potatoes and tomatoes are canned for shipping. A building has been erected for this important work and is well appointed in every respect.

Students wishing to receive instruction in canning are required to make early application to the Registrar to be allowed to remain at the school during vacation.

## DAIRY HUSBANDRY

### FIRST YEAR

First Term: Study of types of dairy animals and their uses; cleaning of barn; score-card practice for students; milking; origin of domesticated cattle; dual-purpose cattle and minor dairy breeds.

Second Term: Feeding and grooming; raising of calves, judging, and feeding; starting herds and developing of dairy heifers; selection of individual cows; selection of herd bulls, and making reports. Managing of dairy cattle; soiling system; stable construction; common diseases of cows.

References: Craig and Shaw; Henry and Jordan; Eckels, "Dairy Cattle and Milk Production."

### SECOND YEAR

First Term: Study of farm buildings, showing their location and arrangement of stalls, windows, etc.; construction of silos; study of feeding and classification of animals. A further study of feeds and feeding of dairy animals; classes of feeds; roughage and grasses; concentrate feeds; kinds of rations; principles of breeding; cross-breeding and in-breeding; sex; gestation; study of pedigrees and records.

Second Term: Animal nutrition, digestion, assimilation and function of food nutrients; the tissues; study of diseases of farm and dairy animals; common ailments of calves and cows; disinfection; quarantine; parasites and treatment; poisonous and injurious feed-stuffs.

References: Henry; Armsby; Jordan; Shaw.



## CARE AND MANAGEMENT OF HORSES AND MULES

## FIRST YEAR

First Term: Study of domestic animals; origin; history; types; care of harness and vehicles; hitching; emergency repair of harness and vehicles; size and care of stalls, bedding, cleaning, etc.

Second Term: Care and management of draft animals; feeding, grooming, housing, watering, driving; general care of all work animals; care of stallions in and out of season; care of brood mares and foals; care of colts; study of pedigrees and records.

## SECOND YEAR

First Term: Study of breeds for practical purposes; cross-breeding, in-breeding and line-breeding for desired purposes; breeds best adapted to the South; breeding for larger mules; principles and practice of feeding work horses, brood mares, young stock; feeding rations; balance ration; maintenance ration; nutritive ration; feeding standards; practical methods of computing rations.

Second Term: Judging; common diseases of horses and mules; cause, symptoms, prevention and treatment; telling the age of horses; business side of stock raising; keeping of records and accounts as needed in live-stock business; study of pedigrees.

References: "The Horse," Roberts; "Judging Livestock," Craig; Current Literature.

## DAIRYING

## FIRST YEAR

First Term: Cleaning; washing and sterilizing milk bottles and cans; washing agents, proper utensils; general cleaning; disinfecting; drainage; septic tanks; sewage disposal. Elementary Milk Testing—Secretion and composition of milk; the Babcock test for fat in whole milk; different kinds and care of testing apparatus; the Babcock test for fat in cream; computation. Elementary Milk Separating—Gravity and centrifugal; separating; the operation of the centrifugal separator and its adjustment; study of the various makes of separators; conditions affecting efficiency.

Second Term: Market Dairying. Preparing milk and cream for market; methods of wholesaling; methods of retailing; ferments of milk and cream; delivering milk and cream on milk routes; shipping milk, cream and butter. Elementary Butter Making—Composition of cream, butter and buttermilk; making starters; ripening cream; operation and care of hand churns; churning, washing, salting, work-

ing and printing butter; testing butter for moisture; calculating over-run.

### SECOND YEAR

First Term: Advanced Milk Testing: Study of factors affecting accuracy of test; practicing in herd testing. Advanced Milk Separating—Study of factors affecting efficiency of separation; repair and upkeep of separators; practice and operation of hand turbine separators of different makes. Advanced Butter Making—Pasteurizing cream for butter making; operation and care of power churns; testing butter for fat and salt; study of factors affecting the over-run; scoring butter; marketing butter; storing butter, practice in butter making.

Second Term: Cheese Making. Care of milk and cream for cheese making; making various kinds of soft cheese; scoring; curing and marketing soft cheese; calculating yields. Dairy Mechanics—Care and operation of the steam boiler and engine; repairing and care of the dairy machinery; lacing belts, hanging shafting; calculating speed of pulleys; general creamery construction. Creamery Accounting—Review of dairy arithmetic; accounts for milk and cream patrons; recording tests; separating records; cheese making records; milk route checking systems; general creamery accounting. Creamery Management—Study of creamery problems and management; practice and management.

Reference: Wing.

## POULTRY RAISING

### FIRST YEAR

First Term: How to start, which includes a discussion of the site, kinds of houses and runs, material for building, furniture, etc.; poultry in general, chickens, ducks, geese, turkeys, etc.; feeding for eggs, for meat, and for market; hatching and raising of chickens. (Nature's method.)

Second Term: Selection of mothers, hatching nests, number and kinds of eggs to set under each hen, care of young chickens; kinds of feed: bread and milk, oatmeal, grits, green foods, charcoal, meat scraps, oyster shells, lime, grit, etc.; poultry diseases and their remedies; mites, lice and the most troublesome vermin; killing, dressing and preparing for market.

### SECOND YEAR

First Term: Artificial incubation; a study of the various types of incubators, location, setting up, heating and adjusting regulator,

the kinds of eggs to put in, turning, testing to remove infertile eggs.

Second Term: Supplying moisture, care during hatching period; when to remove the chicks; brooders and brooder houses; a study of the various kinds and their management.

References: Watson, Graham.

## VETERINARY SCIENCE

### FIRST YEAR

First Term: Skeletons. Covering of bones; contents of bones; classes of bones: head bones, cervical or neck bones, dorsal or back bones, lumbar or small back bones, sacral or rump bones, coccygeal or tail bones, pelvis or hip bones, sternum or breast bones, ribs; number of bones in the skeleton of a horse.

Joints. Cartilage, ligaments, shoulder joints, elbow joints, carpus joints, fetlock joints, pastern joints, coffin joints, hip joints, stifle joints, hock and tarsus joints.

The Muscular System. Voluntary muscles, gluteal muscles, the abdominal muscles, coccygeal muscles, shoulder muscles, muscles of the front leg, muscles of the hind leg, involuntary muscles.

Second Term: The Circulatory System. The organs of the circulatory system: the heart, the arteries, veins, capillaries; the blood; the course of the blood; how to tell when an artery is cut.

The Lymphatic System. Absorption of glands; lymph.

The Digestive System. Organs of the digestive system: salivary glands, gullet, esophagus, the stomach, the bowels.

The Nervous System. Brains, cranial nerves of feeling, hearing, seeing, smelling and tasting; spinal cord.

### SECOND YEAR

First Term: Questions to ask and how to examine a sick animal. The history of the case; questions; time, action and cause; consideration of symptoms; the examination of pulse and temperature.

Diseases of the respiratory or breathing organs. Simple catarrh or cold in the head; nasal sleet or chronic catarrh; abscess of the bones of the head; laryngitis or inflammation of the throat; chronic cough; roaring or spasm of the muscles of the larynx; bleeding from the nose; bleeding from the lungs; congestion of the lungs or pneumonia; pleurisy; water in the chest; bronchitis; broken wind or heaves; spasm of the diaphragm; rupture of the diaphragm.

Diseases of the Circulatory System. The organs of the circulatory system: heart, arteries, veins, capillaries; the blood: course of the blood.

Second Term: Diseases of the Lymphatic System. Absorption of the glands; lymph.

Diseases of the Digestive System. Organs of the digestive system: salivary glands, gullet, esophagus, stomach, the bowels; diseases of the muscles; diseases of the genital organs; foaling; difficulties met with in foaling; difficulties and diseases that follow foaling.

Medicines. Uses and actions of different medicines upon various parts of the system; writing and compounding prescriptions; making salves and liniments.

### AGRICULTURAL BOOKKEEPING

The course is designed to give the agricultural students a thorough training as to the business side of farming. While the subject of Farm Accounting is most deserving of the greatest attention, it has been, until recently, the most neglected.

At the outset, the student assumes himself a practical farmer, and proceeds with the business side of the farm, the productive phase, also the exchange phase.

#### FIRST YEAR

First Term: Farm records and business methods; farm book-keeping; organization of a model farm from a financial point of view. Household and personal accounts.

Second Term: Cost finding and special records; cost of production — special cost records; labor records (human and animal); office methods; business organization; business correspondence and business forms; divisional accounting; creamery accounting; poultry accounting; orchard records, etc.; plot and crop system.

#### SECOND YEAR

First Term: Rural law; general principles of statutory law discussed and explained; special phases of law affecting the farm, such as titles to real estate, deeds, mortgages, county records, etc.; landlord and tenant, right of way; laws governing shipping, insurance, etc.

Second Term: The fundamental principles of production, distribution and exchange, with special consideration of rural life; rural labor problems; farm finance and problems affecting rural life in general.

### FARM ENGINEERING

#### FIRST YEAR

First Term: The importance of road building; laying out of road;



prevention of washing; determination of grade drainage; construction of culverts; estimation on size; materials best suited for culvert construction.

Second Term: Simple methods of computing areas drained by culverts; bridges; construction; materials best suited for bridge construction; computing strength of timbers; road repairs; materials best suited for road repair.

#### SECOND YEAR

First Term: Use and care of surveying instruments; surveying with tape and chain; measuring and laying out of angles with tape and chain.

Second Term: Surveying and computing of irregular plats; platting; running levels with transit; making profiles; estimating on excavations; determining and fills.

References: Gilmore, Ives.

### SWINE RAISING

#### FIRST YEAR

First Term: Study of the different breeds and types: Duroc Jersey, Poland China, Berkshire, Essex, Tamworth, Chester White and Yorkshire; cleaning pens; use of whitewash, paints, insecticides; score cards and the scoring of the hogs.

Second Term: Feeding and care of hogs; raising of pigs; starting of herds and development of service boars; selection of individual sows; selection of herd boars; keeping of records.

References: Plumb-Corbin.

#### SECOND YEAR

First Term: Housing of swine; location and construction of the houses; materials best suited for their construction. Feeds and feeding; classes of feeds, kinds of rations; principles of breeding; cross-breeding, in-breeding, gestation period.

Second Term: Detailed study of the different diseases, their causes, prevention and cure; killing and curing of meat; vaccination for prevention of hog cholera.

References: Sission, Plumb, Shaw.

### FARM DEMONSTRATION WORK

The Farm Demonstration Work is carried on in co-operation with the United States Department of Agriculture. A number of farmers in selected communities cultivate a small portion of their land under

the direction of and with seed provided or selected by the Agricultural Department.

Extension Schools are being held throughout the State of Alabama. Clubs for men and boys, and for women and girls, are being organized. Prizes of from five to fifty dollars are awarded by the Demonstration Agents to the farmers making the greatest yield of corn, cotton, oats, etc., to the acre.

### ELEMENTARY COURSE FOR ACADEMIC STUDENTS

The school has seen fit to make the subject of Elementary Agriculture compulsory with all academic students of the Junior Class. The course is as follows:

The plant; parts of plants; plant families; pollination; germination of seed; how plants feed; propagating and improving plants.

Formation and kinds of soil; soil moisture and its control; preparation and cultivation of soil; terracing and drainage; methods of improving soils; growing cotton and corn; rotation of crops.

How to plant flower and vegetable gardens; hot beds and cold frames; cultivation and harvesting garden crops; breeds of livestock; care and feeding of livestock; making of butter and cheese.

### POST-GRADUATE COURSE IN AGRICULTURE

#### FIRST YEAR

First Term: A study of chemistry as applied to soils, fertilizers and manures; plants and animals. (1) The determination of moisture, organic matter, acids and mineral matter in soils. (2) Analysis of soil amendments. (3) Analysis of fertilizers and manures. The determination of potash, phosphoric acid and nitrogen in various fertilizers and manures. Lectures. Text books. Reference: Snyder.

Soils. Soil as a medium for root development; chemical and physical agencies of decay; geological classification and chemical composition of soils; laboratory experiment on physical properties of soils; determination of the soil's moisture, porosity, weight, plasticity, specific gravity, capillary attraction, effect of mulches, physical analysis of soils; relation of physical properties to soil management. Text: Lyon and Flippins.

Livestock and Breeding. Study of the origin, history, and general characteristics of the principal breeds of cattle, horses, sheep, hogs, chickens, etc.; stock judging by aid of score cards; principles of breeding as related to the development of domestic animals' heredity and normal and abnormal characteristics, diseases, animal variations, fecundity, in-breeding, cross-breeding, prepotency, grades. Text: Brooks and Craig.

**Second Term: Fertilizers.** Classification of manures and fertilizers; functions and uses of commercial fertilizers; determination of grade and agricultural values of fertilizers; mixing and applying fertilizers; effects of soil amendments; factors affecting the efficiency of fertilizers; farm manures, their composition and use; factors affecting the value of manures; methods of handling manures; green manuring; methods of making manure. Text: Vooheese.

**Seeds and seed testing:** Practice in identifying farm and garden seed; determining the purity and vitality of commercial samples of seeds; germination and purity tests of all seeds used on the farm; diseases of seeds and their treatment; practice in judging samples of seeds; methods of commercial seed production.

**Bacteriology.** Principles, common organisms and their artificial cultivation; use of the microscope; different classifications; general work leading to second year's work in farm sanitation. Text: Jordan, Conn, and King.

**Farm Engineering.** Roads: location, material, construction, maintenance; farm machinery; plows; surface working machinery; seeding and harvesting machinery; farm vehicles; food preparing machinery; farm motors; steam and gasoline; wind and horse power; materials for construction: lumber, brick, cement, etc.; farm water system: drainage, open and covered; irrigation, terraces. Text: Hoagman.

## SECOND YEAR

**First Term: Management.** Farm sanitation; field and laboratory practice. The chemistry of animals and their products; the study of digestion and fermentation of various foodstuffs; digestion and fermentation of milk; breadmaking; sauerkraut; vinegar; analysis of milk to determine water, casein, fat, acidity, and the action of various ferments in milk; analysis of butter, cheese, to find moisture, fat, salt and casein; analysis of water for drinking and commercial purposes.

**Farm Crops.** Classification of farm crops; methods of improving by selection and breeding; study of varieties and geographical distribution of individual crops, their soil adaptation, manuring, planting, cultivation, place in rotation; harvesting and uses; field study of cotton, corn, sweet potatoes, peas, oats, velvet beans and soy beans. Text: Duggar, "Farm Crops."

**Feeds and Feeding:** Classification and composition of foodstuffs; animals' digestion and nutrition: balanced ration; theory and economy of ration for growth; milk; fattening and maintenance; study of local rations and methods of feeding. Text: Henry, Experiment Station Reports.

Setting up a dairy outfit; running of steam boiler; taking down



and setting separator; oiling and running machines; the Babcock test for fat; table tests for acids; specific gravity of milk; use of lactometers and thermometers; cheese-making and the composition of same; milk used for making cheese; proper temperature; use of rennet; the rennet test; the six periods of the development of cheese; the ripening of cheese; making of different kinds of cheese; various milk tests. References: Wing, Curler, Monrad.

Second Term: Poultry. Care and management of setting hens and incubators; types and construction of brooder houses; operation of brooder houses; management of chicks in brooders; feeding and management of fowls; destruction of pests; lectures on origin, history and development of poultry. Text: Watson and Graham.

Plant Breeding: Study of the structure and physiology of agricultural plants, special attention given to the flowering part; pollination, fertilization; principles of plant breeding; laws of heredity and variation; methods of plant breeding, selection and crossing; results of breeding as applied to cotton and corn; climatic changes and results due to same. Text: Burbank, DeVries and Bailey.

Farm Insects. Study of the anatomy and life histories of selected farm insects; collecting, and field study of the habits of injurious insects found on the farm; methods of combating injurious insects; preparation and application of insecticides. Text: Weeds.

Agricultural Economics. Factors of agricultural production; labor and capital goods; guiding principles in the organization of farm, study of local types of farms; means of acquiring land. Text: Taylor and Carver.

Farm Management. Selection of a farm; distance from market; size of farm; purpose for which the farm is to be used—specialized farming and general farming. A study of factors affecting production: land; capital; goods; labor. A study of the management of successful and unsuccessful farms, and causes for same. Organization of labor; organization of the family for more efficiency; organization of team or horse power for greater efficiency. A study of the tenant system in the Black Belt; cropper; share tenant; cash tenant. Land value and land ownership among Negroes as it affects citizenship and better methods of farming among other people. Markets and farm accounts: study of markets—cutting out the middle man; keeping simple accounts. Text: Warren.

## TWO WEEKS' SCHOOL FOR FARMERS

All subjects are practical and simple.

### FOR MEN AND BOYS

1. Farming: Talks on soil and fertilizers, plowing, cultivation,



seed testing, hot beds, cold frames, garden crops, fruit crops and farm orchards.

2. Livestock: Talks on hogs, cattle, horses and mules; the diseases of livestock and how to treat them.

3. Dairying: Lectures on milking, care of milk, testing milk, butter making, and cheese making.

4. Poultry Raising: In the study of poultry, the best breeds of chickens for the South; testing eggs, hatching, incubators and how to run them; brooder, the dressing and marketing of chickens.

5. Wood and iron work.

#### FOR WOMEN AND GIRLS

1. Poultry Raising: Simple poultry-house, breeds, selecting eggs for setting, building nests, care of setting hens, hatching chicks, feeding, dressing chickens, the diseases and how to treat them.

2. Dairying: Milking and feeding cows, treatment of cows, care of buckets and strainers, washing churns, setting milk, butter making, cheese making, ice cream making.

3. Sewing: Threading of hand machine needles, basting, overhanding, stitching, overcasting, gathering, patching, hemstitching, tucking and darning.

4. Cooking: Selecting of cooking utensils, making fire, cleaning stove, preparing breakfast, setting table, table manners, cleaning off table, preparing dinner, preparing supper, serving luncheon.

## DEPARTMENT OF AGRICULTURAL RE- SEARCH, CONSULTING CHEMIST AND EXPERIMENT STATION

This Department seeks to give, in a technical and experimental way, scientific facts which will lead to a better knowledge of Agriculture in all of its branches, laying special stress upon both the physical and chemical analysis of soils, fertilizers, forage plants, milk, butter, cheese, food adulterations, dietaries, etc., and seeks further to investigate and point out the many undeveloped resources of the county and State.

In the Experiment Station numerous experiments are attempted in the improvement of the soil, cotton and corn breeding, inoculation of the soil, experiments with fertilizers, tests of forage plants, various garden vegetables, etc. This information is given out through bulletins, newspaper articles, lectures, etc.

### AGRICULTURAL EXPERIMENT STATION

At the session of the State Legislature of Alabama, in 1896, a bill was passed providing for the establishment and location of a State Experiment Station in connection with this institution. The following Board of Regents has control of the Station: Hon. J. A. Wade, Montgomery, Alabama; President C. C. Thach, Alabama Polytechnic Institute, Auburn, Alabama; Mr. W. W. Campbell, Tuskegee, Alabama; Mr. Chas. W. Hare, Tuskegee, Alabama; Mr. A. J. Wilborn, Tuskegee, Alabama; Principal R. R. Moton, Tuskegee Institute, Alabama; Mr. Warren Logan, Tuskegee Institute, Alabama.

## DEPARTMENT OF SCHOOL EXTENSION

The Extension Department of the Institute was organized in 1910, in order to systematize the school's numerous extension activities. The actual work falls under what may be described as:

(1) The work of school extension proper, that is, teaching the people how to improve themselves through the home, farm and the school.

(2) The work of a continuation school which offers to persons who have gone out from the Institute and are engaged in teaching in the communities surrounding the school, opportunities to continue their studies under the supervision of the Institute while they are engaged in their work as teachers.

There is an increased demand for persons to teach industries in public schools, and to do community work. Exceptional opportunities are offered persons who wish to become extension workers, to become acquainted with extension methods in the numerous phases of the extension work in Macon County. The various school extension activities follow:

### THE ANNUAL TUSKEGEE NEGRO CONFERENCE

The annual Tuskegee Negro Conference is held two days in every year in the month of January. The work is divided as follows:

(1) The Farmers' Conference, which meets on the first day, gives the farmers who come to the Institute from every part of the South an opportunity to report on conditions in the communities from which they come, to relate in a familiar way their personal difficulties and successes, and the methods which they and their neighbors are making use of to improve community conditions.

(2) The Workers' Conference, which meets on the second day, is composed of teachers, workers and other persons interested in getting first-hand information concerning conditions among Negroes and the methods which are being used to improve conditions.

### THE LOCAL CONFERENCE

An agent is employed by the school whose duty it is to organize local conferences in different communities in the State and visit those conferences already established in order to encourage and direct them

in their efforts to build up the local schools and improve family and community life generally.

### THE FARMERS' INSTITUTE

The Farmers' Institute holds monthly meetings. Simple lectures and demonstrations covering the principles of agriculture are given, and the farmers are encouraged to relate their personal experiences in applying these methods to the soil. The Macon County Fair is held in the fall of each year under the direction of the Extension Department.

### THE SHORT COURSE IN AGRICULTURE

The Short Course in Agriculture gives the farmers of the counties surrounding the school an opportunity to spend two weeks at the school in study and observation. (For statement of the course of study, see the Department of Agriculture.)

### MOTHERS' MEETINGS

Mothers' Meetings, first established in the town of Tuskegee by Mrs. Booker T. Washington, are now found in nearly every community in the vicinity of the school. The purpose of these meetings is to interest the women in improving their homes and moral life, and in the general upbuilding of the community through the school and the church.

### THE MINISTERS' ASSOCIATION

The Ministers' Association is composed of all the ministers of Macon and adjacent counties. It meets four times a year at the Institute and takes up those problems which concern the moral and social welfare of the people in which the church and the ministers are directly concerned. It has done much toward getting the ministers to co-operate along undenominational lines for community betterment.

### TOWN NIGHT SCHOOL

The Town Night School is located in the town of Tuskegee and has seven teachers, two of whom do class-room work and five industrial work, two nights each week. The following industries are taught: sewing, carpentry, bricklaying and painting.

The academic training prepares students to enter the Normal School as high as the Junior Class.

The students are mostly from the town or they are students who failed to enter the C Preparatory Class of the Normal School.



## RURAL SCHOOL EXTENSION

Rural School Extension seeks to assist and direct the Negro farming communities in building schoolhouses, lengthening school terms, and securing competent teachers. The aid received from the Jeanes Fund and other sources enables teachers to employ the most effective methods of teaching the pupils and improving the communities, so that the schools of the county where Tuskegee Institute is located are among the best rural schools in the South.

Special supervisors are employed whose duty it is to visit the various schools and advise and assist teachers, particularly with reference to the management of school farms and school gardens and the teaching of agriculture and the industries. One of the important tasks of these supervisors is the organization of community clubs for the support of the schools.

As a result of the aid and direction which teachers in Macon County now receive they have exceptional opportunities to continue their studies under the direction of the Institute while being engaged in the practical work of teaching. The result is that the work of a teacher in the county has gained the character of post-graduate study in the extension and teaching methods of the Tuskegee Institute. Teachers in the county schools may thus fit themselves while carrying on their work as teachers for the more responsible positions of supervising teachers and teachers of professional grade.

There are fifty-five rural schools in Macon County which are now under the general supervision of Tuskegee Institute. These schools offer opportunities to a limited number of students to engage in school work and carry on their studies as described. The facilities offered at present for work of this character are as follows:

The Rural Supervision work of the Institute serves to keep rural teachers in touch with the methods taught in the Institute classes in education as practiced at the Children's House, the training school for teachers. It enables them to carry out suggestions for building up the rural schools under the direction of an agent of the school.

## RISING STAR MODEL SCHOOL

A Model School is maintained in what is known as the Rising Star community, which is just beyond the Institute farm, where a combined school and dwelling house has been erected and two graduates of Tuskegee, a man and his wife, occupy and conduct a public school. The house contains five rooms: a sitting room, bed room, a kitchen, a dining room, and a special class room. There is also a barn and a garden, with horses, cows, pigs and chickens. The regular class-room work is carried on in this as in other public rural schools, except that

instead of spending all their time in a class room, pupils are divided into sections and given instruction in the ordinary industries of a farm community. While some pupils cook, others clean the house, others the yard, others work in the garden, and others are receiving literary instruction.

### RURAL SCHOOL LIBRARIES

Rural School Libraries, circulating libraries sent out by the Institute Library, contain sets of books for teachers and pupils of the rural schools. A part of these are for general reading and the others are professional books. The library enables the teacher to become familiar with, and make use of, in the class room, some of the best books for children. The books of general culture and professional books on teaching agriculture enable the teacher to improve along lines of general culture and to make a more systematic study of rural school conditions and of the work and place of the rural school in rural life.

### TEACHERS' INSTITUTE

The Teachers' Institute, which meets annually, affords an opportunity for teachers in the county to come into touch with each other and with the Institute teachers. Among the subjects discussed at these meetings, in addition to those of general class-room methods, are such matters as: methods of adjusting the class-room work to the needs of the community in which the school is located; the teaching of cooking in rural schools; methods of improving the social life of the community; methods of supplementing the public school funds; management of a school farm; professional reading for rural teachers; correlation and adjustment of academic and industrial teaching in the rural school.

These meetings are conducted so that the teacher gains, not merely the benefit of the suggestions of the other teachers present, but every teacher is invited and is expected to make a real contribution to the knowledge of the problems of the schools and communities in which they are working.

### RURAL SCHOOLHOUSE BUILDING

Through the generosity of Mr. Julius Rosenwald, of Chicago, Illinois, Trustee of Tuskegee Institute, provision has been made by which a number of model rural schoolhouses have been and are being built for colored people in certain counties in Alabama and in a few of the adjacent States to take the place of the one-room schoolhouse usually found in rural districts. The condition attached to the aid

thus given is that a given community desiring to build a schoolhouse shall raise an amount of money at least equal to that given from the Rosenwald Fund. Usually, the communities secure aid from their county or State officials and add this to the amount which the colored people themselves contribute. Agents of the Extension Department are employed to go into such communities as plan to build new schoolhouses and help stimulate interest in the movement. The work is done in co-operation with the county and State officials.

Thus far, the results have been beneficial; for in practically every case, each dollar of the Rosenwald aid has induced the respective communities to contribute two more dollars for schoolhouse building. The average cost of these school buildings is, counting cash, labor, land, and materials, One Thousand Dollars.

As a result of the activities along this line, two hundred six communities have qualified for Mr. Rosenwald's aid, making the total valuation of rural schoolhouses that have been and are being built, up to February 26, 1917, \$235,266, from the following sources:

Contributed by Mr. Rosenwald .....	\$ 67,499.55
Contributed by States .....	51,205.00
Contributed by white citizens .....	11,602.00
Contributed by colored people.....	104,960.21

These buildings have greatly increased the power of the schools as centers of influence in improving the lives of the colored people where they have been erected.

## PUBLICATIONS

Among the publications of the Department, may be mentioned The Negro Rural School and its Relation to the Community, and the Negro Farmers' Conference Guides. The Negro Farmer and Messenger is also published under the auspices of this Department, and has proven to be a very substantial agency, not only in disseminating agricultural knowledge among our people, but in stimulating greater interest in better schools and better homes.

# CATALOG OF STUDENTS

## POST-GRADUATES

Adams, Gertrude.....	New Iberia, Louisiana
Adams, Rowena Wilborn*.....	Tuskegee, Alabama
Anthony, Francis Alpha*.....	London, England
Bennett, Benjamin Harrison.....	Mound Bayou, Mississippi
Blackus, Leander.....	Philadelphia, Pennsylvania
Blocker, Saide J.....	Jacksonville, Florida
Campbell, Junius.....	Austin, Texas
Carroll, Thomas Wilson, Jr.....	Austin, Texas
Conyers, Juanita H.....	Savannah, Georgia
DeJesus, Quintin.....	Arecibo, Porto Rico
Durr, Hattie.....	Abbeville, Alabama
Figueras, Jose.....	San Juan, Porto Rico
Fishe, Marie Needham.....	Columbus, Georgia
Fitzgerald, Alvin Lewis*.....	Alton, Illinois
Fonvielle, Harold Fortune.....	Mobile, Alabama
Goldsby, Jennie Lee.....	Selma, Alabama
Goodwin, George W.....	Congaree, South Carolina
Hardie, Mattie.....	Birmingham, Alabama
Hawes, Bessie Beatrice.....	Macon, Georgia
Hewlett, Pauline Roselie.....	Philadelphia, Pennsylvania
Holmes, William.....	Utica, Mississippi
Jackson, Addie Lucile.....	LaGrange, Georgia
Johnson, Mattie.....	Brazil, Indiana
Jones, Fenuel Pristus.....	Little Rock, Arkansas
King, William Rufus.....	Mathews, Alabama
Lawson, Jackson Collier*.....	Selma, Alabama
Lewis, Austin Henry.....	Denver, Colorado
Lindsay, William L.....	Birmingham, Alabama
Lyons, Alfred Wesley.....	Denver, Colorado
Majette, George Howard.....	Winton, North Carolina
May, Rollo.....	St. Andrews, Republic of Colombia, Central America
Mayfield, Egbert.....	Corsicana, Texas
McKinney, William M.*.....	Birmingham, Alabama
Morrow, George.....	Topeka, Kansas
Pearson, Arnold Harmon.....	Fort Valley, Georgia
Neal, Aaron N.....	Columbia, South Carolina

\* Part of Term.



Peters, Samuel H.....	Shreveport, Louisiana
Pickett, Lola.....	Canton, Illinois
*Pieters, Charles Elijah...	Stanley Town, British Guiana, South America
Pius, Annette Nathalene.....	St. Louis, Missouri
Price, Elizabeth Josephine.....	Jackson, Mississippi
Robinson, Anna Belle.....	Bolton, Mississippi
Roseborough, Annie Everlinia.....	Marshall, Texas
Sellers, Russie Brooks.....	Charleston, West Virginia
Shaw, William Alexander.....	Battessville, Arkansas
Sims, Annie Belle*.....	Selma, Alabama
Smith, Ramsey.....	Forest City, Arkansas
Stevens, Geneva Lottie.....	Vicksburg, Mississippi
Storey, Gladys May*.....	Columbus, Georgia
Taylor, Indiana Roberta.....	Atlanta, Georgia
Thomas, Johanna*.....	Ennis, Texas
Thompson, Phyllis Effie*.....	Galveston, Texas
Vann, Serena Elizabeth*.....	Rock Island, Illinois
Walker, Sadie*.....	Mount Meigs, Alabama
White, Mrs. Carrie P*.....	Uniontown, Alabama
Wiley, Pauline Angeline.....	Pine Bluff, Arkansas
Williams, Mamie.....	Birmingham, Alabama
Wynn, Evelyn May.....	Tuskegee Institute, Alabama
Young, Willa Alberta.....	Carlisle, Arkansas

## SPECIAL STUDENTS

Allen, Leila Mae*.....	Rome, Georgia
Awtrey, Josephine.....	Birmingham, Alabama
Bowen, Elinor Mildred*.....	Jacksonville, Florida
Brown, Lizzie Ardelia.....	Milledgeville, Georgia
Caldwell, Carrie.....	Birmingham, Alabama
Coleman, Edward*.....	Memphis, Tennessee
Compton, Noel T*.....	Nashville, Tennessee
Durgan, Marcus*.....	Camden, Alabama
Edwards, Estella.....	Orrville, Alabama
Gilmore, Mary Louise.....	Denver, Colorado
Hardy, Blanche Pocknett.....	Waquoit, Massachusetts
Jackson, Frances E.....	Macon, Georgia
Jackson, Helen*.....	Philadelphia, Pennsylvania
Jackson, Nancy Anne.....	Gibbsland, Louisiana
Jarrett, Willa.....	Columbus, Georgia
Lay, Lila Agnes.....	Rome, Georgia
McGinnis, Martin Luther.....	Little Rock, Arkansas
Nichols, Sallie.....	Hillemann, Arkansas

\* Part of Term.

Perpener, Lawrence.....	Marshall, Texas
Peters, Erlynne Grace.....	Girard, Alabama
Poole, Robert J., Jr*.....	Florence, Alabama
Reed, Norman J*.....	Bluefields, West Moreland, Jamaica, B. W. I.
Rowan, Wesley George.....	Montego Bay, Jamaica, B. W. I.
Rogers, Caroline.....	Albany, Georgia
Stewart, Abraham.....	Rodessa, Louisiana
Strong, Jessie.....	Montgomery, Alabama
Taylor, Annie G.....	Corsicana, Texas
Thomas, James F.....	Mansfield, Louisiana
Thomas, Sophia Joanna.....	Summit, Mississippi

## SENIOR CLASS

Alfred, Holly.....	Expose, Mississippi
Amakyi, John O. H.....	Shanti Roads, Salt Pond, Gold Coast, West Africa
Banks, Pinkie Anna Lee.....	Woodstock, Alabama
Bates, Estelle.....	Florence, Alabama
Bell, Jessie Ada.....	Waycross, Georgia
Beverly, Miltrude Bernice.....	Galveston, Texas
Bowen, Lucius Simeon Augusta.....	Darleston, Jamaica, B. W. I.
Boykin, Henry.....	Rockland, Texas
Breitling, Lillian Belle.....	Demopolis, Alabama
Brewer, Paul Isaac.....	Tuskegee, Alabama
Brooks, John Milton.....	Tuskegee, Alabama
Brown, Agnes Lucinda.....	Jamesport, Long Island, New York
Bryan, Edna Sarah.....	Topeka, Kansas
Burgan, Commodore.....	Cascilla, Mississippi
Carlos, Lillian Kate.....	Notasulga, Alabama
Carlton, James David.....	Tuskegee, Alabama
Chambers, Callie.....	Lake Providence, Louisiana
Collins, Thomas Edgar*.....	Vicksburg, Mississippi
Cotton, Lonnie Horace.....	Conroe, Texas
Crayton, Frederick Douglass.....	Johns, Alabama
Cunningham, Andrew James.....	Carrolton, Alabama
Cunningham, Inez.....	Milstead, Alabama
Darden, Tasmania Dolores.....	El Paso, Texas
Darthard, Commodore Perry.....	Leighton, Alabama
Davis, Ada Pearl.....	Birmingham, Alabama
Davis, Sylvester Sanford.....	Wauagh, Alabama
Dees, Rosa Belle.....	Camp Hugh, Alabama
Dickerson, Sanona.....	Atlanta, Georgia
Durant, Willie May.....	Atlanta, Georgia

\* Part of Term.

Eddings, Leroy.....	Versailles, Kentucky
Edinburg, Joseph Leonius.....	New Orleans, Louisiana
Ellis, Herbert Alexander.....	Estrada, Costa Rica, Central America
Flake, Chester Arthur.....	Salem, Alabama
Flake, Solomon David.....	Macon, Georgia
Flood, James Julius.....	Demopolis, Alabama
Fortune, Ruby Veola.....	Smoots, Virginia
Frazier, Ernest.....	Selma, Alabama
Freeman, Daniel Elijah.....	Wilson, North Carolina
Gaillard, Emily Louise.....	Charleston, South Carolina
Gaillard, Ossie.....	Hensley, Arkansas
Glasko, Mary Ella.....	Oakland, Rhode Island
Gray, Annie Vernell.....	Birmingham, Alabama
Green, Alphonse, Jr.....	Houston, Texas
Green, Bettie Boyer.....	Glasgow, Virginia
Green, Charles Stafford.....	Wichita, Kansas
Greene, Harriet Selina.....	Tuskegee Institute, Alabama
Harris, Junius.....	New Orleans, Louisiana
Hicks, Ola Marion.....	Oxford, North Carolina
Higbee, Bernice Ruth.....	San Francisco, California
Hill, Abraham.....	Tuskegee, Alabama
Hill, Joseph Lewis.....	Washington, District of Columbia
Howze, Solomon.....	Clarksville, Alabama
Hrabowski, Addie.....	Ensley, Alabama
Hrabowski, Julia Gasolina†.....	Montgomery, Alabama
Jewett, Jonas Levias.....	Victoria, Texas
Johnson, Benjamin Franklin.....	Bessemer, Alabama
Johnson, William Lafayette.....	Columbus, Texas
Jones, Luther Jasper.....	Bassfield, Mississippi
Jordan, Chappie.....	Fort Worth, Texas
Jordan, Peach Kaiser.....	Little Rock, Arkansas
Key, Janie Mae.....	Tuskegee, Alabama
Kitchen, Lejie.....	Troy, Alabama
Lay, Felton Wakley.....	Rome, Georgia
Lee, Clarence Augustus.....	Marion, Alabama
Lowe, Fannie May.....	Waverly Hall, Georgia
Maddox, Esther Stella.....	Milner, Georgia
Manley, Modist Martin.....	Beaumont, Texas
Mann, Richard David.....	Curryville, Georgia
Marchbanks, Ellsner Finley.....	Denver, Colorado
Marshall, Vera Louise.....	Dover, Delaware
McDaniels, Cleveland Harrison.....	Quincy, Mississippi

† Deceased.

McKinnon, Portia.....	Palmetto, Florida
Medley, Robert Aaron.....	Columbia, Tennessee
Martin, Herbert.....	Port Maria, Jamaica, British West Indies
Miller, Randolph Cornelius.....	St. Croix, Danish West Indies
Miller, Dora Lee.....	Anderson, South Carolina
Motley, Creola Alice.....	Tuskegee, Alabama
Muniz, Vicente Gil.....	Mayaguez, Porto Rico
Neely, Susie Belle.....	Tuskegee, Alabama
Nichols, James Henry.....	Hillemann, Arkansas
Norris, James.....	Spartanburg, South Carolina
Ovletrea, John Wesley.....	Birmingham, Alabama
Patton, Milford Earl.....	Alcorn, Mississippi
Perkins, Daisy Ellen.....	Pinehill, Alabama
Person, Lucius Aldridge*.....	Birmingham, Alabama
Pierson, Eulalie Viola.....	Houston, Texas
Powell, Audrey Odella.....	Houston, Texas
Powell, Ethel Zenobia Lee.....	Tuskegee, Alabama
Robinson, Ismay James.....	Mandeville, Jamaica, British West Indies
Sanford, Rutherford Nathaniel.....	El Paso, Texas
Saunders, Amos Carey.....	Kingston, Jamaica, British West Indies
Scott, Evelyn Bernice.....	Tuskegee Institute, Alabama
Scott, Robert Nathaniel.....	Falmouth, Jamaica, British West Indies
Sellers, Alfonso.....	Lafayette, Louisiana
Sherman, Carrie Belle*.....	Thomaston, Georgia
Sherman, Sylvetta Juanita.....	Claremore, Oklahoma
Simms, Nolan Clinton.....	Honoraville, Alabama
Slater, Maggie Allegro.....	Milledgeville, Georgia
Smith, Benjamin Franklin.....	Alexandria, Louisiana
Taylor, Lydia Sylvia.....	Pine Bluff, Arkansas
Thomas, George Curtis.....	Mobile, Alabama
Thomas, William Carey.....	Brunswick, Georgia
Thompson, Corina Violette*.....	Huntington, West Virginia
Valentine, Corine Mary.....	Anderson, South Carolina
Verette, Thomas Samuel.....	Houston, Texas
Walker, Clarence Arnold.....	Montgomery, Alabama
Ward, Marie Louise*.....	Demopolis, Alabama
Wardah, Charles Tedo.....	Grand Bassa, Liberia, West Africa
Washington, Lafayette.....	Griffin, Georgia
Washington, Lucile Mamie.....	Macon, Georgia
Washington, Margaret Josephine.....	Tuskegee Institute, Alabama
Watkins, Isaiah, Jr.....	Tuskegee Institute, Alabama
Watkins, Catherine Jeanette.....	Tuskegee Institute, Alabama

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\* Part of Term.



Watson, Ruth Georgia Louise.....	Charleston, West Virginia
Wilkerson, William Sanford.....	Mobile, Alabama
Williams, Charles McKinley.....	Franklin Park, New Jersey
Williams, David Houston*.....	Galveston, Texas
Williams, Judson Andrew*.....	Montgomery, Alabama
Williams, Phillip Clayton.....	Cumberland, Maryland
Williams, William James.....	Rome, Georgia
Wilson, Albion Smith.....	Ellis Harbor, Somerset, Bermuda, B. W. I.
Wright, John Wesley.....	Stockton, California
Zuber, George Turner.....	Starksville, Mississippi

## A MIDDLE CLASS

Allen, Willie Lee.....	Tuscaloosa, Alabama
Altieri, Carmen Maria.....	Mayaguez, Porto Rico
Akers, William B.*.....	Columbia, Missouri
Barnes, Ethel Dora.....	Watson Hill, St. Elizabeth, B. W. I.
Beckett, Handy Burley.....	Philadelphia, Pennsylvania
Benford, William Clay.....	Opelika, Alabama
Best, David Benjamin.....	Spanishtown, Jamaica, B. W. I.
Black, Charles.....	Auverge, Arkansas
Blackburn, Alfred.....	Atlanta, Georgia
Bowie, Core Lee.....	Luther, Oklahoma
Brasher, George L.....	Los Angeles, California
Breedlove, Eleanor Wildor.....	Tuskegee, Alabama
Britt, Layman.....	Campbellton, Florida
Brooks, Luther.....	Westmoreland, Jamaica, B. W. I.
Brown, Etoila Victoria.....	Lafayette, Georgia
Brown, Leon William.....	Birmingham, Alabama
Brown, Louise Agatha.....	Montgomery, Alabama
Broyles, Edgar C.....	Memphis, Tennessee
Buchanan, Katie Lee.....	Tuskegee, Alabama
Bulls, Albert.....	Florence, Alabama
Burton, Alice.....	Shorters, Alabama
Casterman, Charles Franklin*.....	Sicily Island, Louisiana
Chiles, Creed Washington*.....	Richmond, Virginia
Clow, Jesse James.....	Oberlin, Oklahoma
Colter, Mattie Josephine.....	Tuskegee, Alabama
Connor, Sarah Louise.....	Moorestown, New Jersey
Connover, Morgan Bringham.....	Hartford, Connecticut
Cook, William McKinley.....	Calhoun, Alabama
Cotten, Annie Mabel.....	Hot Springs, Arkansas
Cottrell, Beulah.....	Holly Springs, Mississippi

\* Part of Term.

Counts, Samuel James*	Cocoanut Grove, Florida
Cowden, Roxanna	Kansas City, Missouri
Day, Myrtle	Montgomery, Alabama
East, Frank	Rienzi, Mississippi
Ferrell, Henry H.	Macon, Georgia
Fields, Clarence	Taft, Oklahoma
Fitch, Earle David	Colusa, California
Fowler, Henry*	Andalusia, Alabama
Fowler, Lowry Lester*	Greenville, Mississippi
Frazier, Leon William	Charleston, South Carolina
Gadberry, Isby Beulah	New Orleans, Louisiana
Gibson, James Slater	Tuskegee Institute, Alabama
Giddens, Desibee*	Birmingham, Alabama
Gaines, Reginald Montessor	Washington, District of Columbia
Gousse, Christain Marc	Jacmel, Haiti
Gray, Matthew	Gainesville, Alabama
Gray, Perlonia*	Tuskegee, Alabama
Greenlee, Adel	Bainbridge, Georgia
Hamilton, Marie	Cayon, St. Kitts, British West Indies
Harris, Benjamin Amos	Statonsburg, North Carolina
Herman, Alexander Leo	Mobile, Alabama
Hogans, Thaddeus*	Goldsboro, North Carolina
Hudson, Chauncey Reid	Valdosta, Georgia
Hudson, Hillary Jefferson	Valdosta, Georgia
Huguley, John Wesley	Americus, Georgia
Hunter, Grant Williard	Galveston, Texas
Jackson, Adelaide	Newbern, Alabama
Jackson, James Edward	Montgomery, Alabama
Jackson, James Lee	Orange, New Jersey
Jackson, Richard	Columbus, Georgia
Johns, Charlie Odell	Paris, Texas
Johnson, Albert Edward	Corona, Alabama
Johnson, Alice	Notasulga, Alabama
Johnson, Willia Louise*	Marshall, Texas
Jones, Eliza Belle	Americus, Georgia
Jones, Richard Howard	Columbus, Mississippi
Jordan, Annie Jodie	Fort Worth, Texas
Kingston, Lawrence Homer	Baldwin, Louisiana
Kynett, Christopher	Selma, Alabama
Lanier, William Charmart	Beaumont, Texas
Latimer, William Shakespeare	Anderson, South Carolina
Lee, Alma Bondyne	Montgomery, Alabama

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\* Part of Term.

Lennon, Wilhelmina.....	Ansonia, Connecticut
Marchand, James.....	Baton Rouge, Louisiana
McCune, Ruth Marion.....	Atlanta, Georgia
McGhee, Mary Lee.....	New Orleans, Louisiana
McGriff, William.....	Beachton, Georgia
McKenzie, Beauregard.....	East Tallassee, Alabama
McMillan, Sadie Alberta.....	Tuskegee, Alabama
McQueen, Lamar.....	Troy, Alabama
Meek, Relyea Richlieu.....	Marshall, Texas
Miller, Sadie Leona.....	Fort Valley, Georgia
Mitchell, Emmons Parker.....	Boynton, Oklahoma
Moore, Alfred E.....	Rock Island, Illinois
Moore, John Washington.....	Birmingham, Alabama
Morse, Malachi.....	Norfolk, Virginia
Murray, Majorie.....	Franklin, Tennessee
Nabors, Charles James.....	Columbus, Mississippi
Norwood, Ivory Charles.....	Thomasville, Alabama
Nunn, Samuel Malachi.....	Camden, Arkansas
Osborne, Reginald*.....	Kingston, Jamaica, British West Indies
Pantaleon, Miguelina.....	Fajardo, Porto Rico
Parker, Luvonia.....	Fortson, Georgia
Parks, Roy.....	Manor, Texas
Patterson, Perrie.....	Huntsville, Alabama
Pius, Letitia.....	St. Louis, Missouri
Powell, Lloyd.....	Houston, Texas
Rackard, Ralph Duncan.....	Ocala, Florida
Reed, Minor Charles.....	Estrade, Costa Rica, Central America
Reid, Bennie Lucile.....	Chicago, Illinois
Richardson, Annie B.....	Cairo, Georgia
Rivera, Juan.....	Juana Diaz, Porto Rico
Roberts, Richard E.....	Jefferson, Georgia
Robinson, Carl Morgan*.....	Jacksonville, Florida
Rogers, Lonnie Lester.....	Waycross, Georgia
Sampson, Alphonso Gaston.....	Jackson, Mississippi
Smith, Daisy Bessie.....	Red Springs, North Carolina
Stillwell, Ruth Goldie.....	Tuskegee Institute, Alabama
Stovall, Charles Morris.....	Malvern, Arkansas
Sullivan, Laurie Alma.....	Cheneyville, Louisiana
Taylor, Jeanette*.....	Mt. Meigs, Alabama
Terrell, Leola*.....	Milstead, Alabama
Thomas, Julian Broad.....	Brunswick, Georgia
Thomas, Robert J., Jr*.....	Ocala, Florida

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\* Part of Term.

Thompson, Hazel Louise.....	San Antonio, Texas
Thornton, Earl.....	Richmond, Indiana
Tressville, Bessie Mildred*.....	Galveston, Texas
Walker, Juanita.....	Savannah, Georgia
Ward, Willie Anne.....	Gallion, Alabama
White, Samuel Henry.....	Montserrat, Trinidad, British West Indies
Whitlow, Carrie Estelle.....	Tuskegee, Alabama
Whitted, Viola Marie.....	Philadelphia, Pennsylvania
Williams, Clarence Samuel*.....	Thomasville, Georgia
Willis, Christabel.....	Dalton, Georgia
Zackary, Clarence Taylor*.....	Lexington, Kentucky

## B MIDDLE CLASS

Alfred, Georgia Anna.....	Expose, Mississippi
Arnold, Robert.....	Hot Springs, Arkansas
Averette, Luvater.....	Talladega Springs, Alabama
Awtrey, Vera May.....	Birmingham, Alabama
Ayers, Abbie.....	Gilden, Virginia
Baker, Solomon.....	Cairo, Georgia
Ball, Emma Louise.....	Montgomery, Alabama
Banks, Thomas J.*.....	Sylacauga, Alabama
Barnes, Emery Horatius.....	San Antonio, Texas
Bass, Ruth.....	New York, New York
Bates, Willie Pearl.....	Florence, Alabama
Beckwith, Lillian.....	Montgomery, Alabama
Bishop, Nellie Scott.....	Lexington, Kentucky
Bertrand, Adolph.....	Port-au-Prince, Haiti
Bowles, Eugene David.....	North Garden, Virginia
Bradford, Consula.....	Loachapoka, Alabama
Brewer, DuBoise.....	Camden, Arkansas
Brooks, Hubert A*.....	Ocala, Florida
Brooks, James Gosfield.....	Vicksburg, Mississippi
Brooks, Jevie.....	Troy, Alabama
Brothers, Victor.....	Montgomery, Alabama
Brown, Aurelius John.....	Frogmore, South Carolina
Brown, Merritt Cyrus*.....	Highland Park, Kentucky
Brown, Wenona Pearl.....	Montgomery, Alabama
Brooks, Allen Edward S.....	Vicksburg, Mississippi
Boyd, Esther Evelina.....	Dallas, Texas
Bruce, Ernestine Smith.....	Tuskegee Institute, Alabama
Buchanan, Cornelius Thomas.....	Moss Point, Mississippi
Burke, Edmund Shack.....	Mitchell Station, Alabama

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\* Part of Term.



Burroughs, Albert Lawrence.....	Brunswick, Georgia
Byrd, Alfred Lewis.....	Harlem, Georgia
Carruthers, William Dolphin.....	Beaumont, Texas
Carter, David Collins.....	Montgomery, Alabama
Cole, Arthur Chandler.....	Los Angeles, California
Cole, Solomon.....	Kinder, Louisiana
Coleman, William Thomas.....	Lineville, Alabama
Colter, Tecarra Ruth.....	Tuskegee, Alabama
Cooley, Woods.....	Wyatt, Alabama
Cooper, Nellie Naomia.....	Tuskegee Institute, Alabama
Cowan, Richard.....	Tuskegee Institute, Alabama
Crowe, Roman L.....	Van Alstyne, Texas
Cunningham, Frederick Douglass.....	Eufaula, Alabama
Davis, Aaron Edmund.....	Montgomery, Alabama
Davis, Eudora Duckie.....	Tuskegee, Alabama
Davis, Henry, Jr.....	Baton Rouge, Louisiana
Davison, Luther Napoleon.....	Thomasville, Georgia
Dennis, John*.....	Darien, Georgia
Dimitry, Mary Beulah.....	New Orleans, Louisiana
Donaldson, Jack Walton.....	Tyler, Texas
Dotson, Hettie Louisa.....	Edwards, Mississippi
Douglass, Edwin B.....	St. Louis, Missouri
Douglass, Samuel*.....	Aspen Hill, Tennessee
Dungy, William Clayborne.....	Indianola, Mississippi
Eastland, Nannie.....	Greenville, Mississippi
Edwards, Alvin Ernest.....	Lum, Alabama
Edmonson, George.....	Cedar Creek, Texas
Edwards, John Anthony.....	Marion, Alabama
Fortune, Anna Lee.....	Smoots, Virginia
Foster, William.....	Tuskegee Institute, Alabama
Fox, Melvin Calvin.....	Richmond, Virginia
Garret, Grant.....	Tenaha, Texas
Gibson, Eva Lorene.....	Milledgeville, Georgia
Gibson, Marietta Allegro.....	Tuskegee Institute, Alabama
Gibson, Volie E.....	Marlin, Texas
Gillespie, Lewis Maurice.....	Birmingham, Alabama
Gilliam, William.....	Tuskegee, Alabama
Goins, Emily Lucile.....	Tuscaloosa, Alabama
Godfrey, Bertha.....	Pittsburgh, Pennsylvania
Golden, James Richard.....	Richmond, Virginia
Goodson, Howell Jackson*.....	Atlanta, Georgia
Gould, Virginia.....	Attalla, Alabama

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\* Part of Term.

Graham, Lucy.....	Thomasville, Georgia
Gray, Mattie Lee.....	Tuskegee, Alabama
Green, Cornelius E.....	Plateau, Alabama
Green, Devotion*.....	Tuskegee, Alabama
Green, Jessie Lorine*.....	Jasper, Alabama
Griffith, Susie Belle.....	Boonville, Indiana
Griswold, John Wesley*.....	Macon, Georgia
Haggins, George Washington.....	Tuskegee, Alabama
Handy, William.....	Hazelhurst, Mississippi
Harris, Eugene.....	Punta Gorda, Florida
Harrie, Lillie.....	Red Level, Alabama
Hart, Mozelle Susie.....	Montgomery, Alabama
Harvey, Lucy Ellen.....	Ruston, Louisiana
Harvey, Mattie Lee.....	Ruston, Louisiana
Hatcher, Lizzie.....	Tuskegee, Alabama
Henderson, Amos John.....	Ramer, Alabama
Heningburg, Alphonso.....	Mobile, Alabama
Hickman, Robinson Mikey.....	Newby, Oklahoma
Hill, Roosevelt.....	Beggs, Oklahoma
Hiram, Frank Kerrisa.....	Nonno Abyssinia, East Africa
Hogan, Harold.....	Emmettsburg, Iowa
Holiday, Joseph H.....	Lake Providence, Louisiana
Holmes, Joseph*.....	Fresno, California
Houser, Everett Lewis*.....	Autaugaville, Alabama
Houze, Luthaniel.....	Marion, Alabama
Howard, Vivian St. Clair.....	Charleston, South Carolina
Humbert, Bessie.....	Princeton, South Carolina
Jackson, Flemming Seabury.....	Shady Dale, Georgia
Jackson, Katie.....	Hamilton, Georgia
Jackson, Lillie Belle*.....	Girard, Alabama
Jackson, Thomas Calvin.....	Marks, Mississippi
Jarret, Rosa.....	Marvel, Arkansas
Jefferson, Lucy Delores.....	Evergreen, Alabama
Johnson, Alta May.....	Harrisburg, Illinois
Johnson, Julia Caroline.....	Bay Head, Florida
Johnson, Richard Howard.....	Brunswick, Georgia
Johnson, Turner Cæsar.....	Blaney, South Carolina
Jones, Clifton E.....	Marianna, Arkansas
Jones, Crosby McCura.....	Dyersburg, Tennessee
Jones, Ernest Cyril Brieley.....	Robertsport, Liberia, West Africa
Jones, Newton McCroy.....	Auburn, Alabama
Jones, Sarah Elizabeth.....	Vicksburg, Mississippi

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\* Part of Term.

Latimer, Clinton.....	Anderson, South Carolina
Latimer, Major Sylvester.....	Anderson, South Carolina
Lee, Lucy.....	Galveston, Texas
Lee, Walter.....	Edwards, Mississippi
Lewis, Clarence Eugene.....	Humboldt, Tennessee
Lewis, Zadie Gertrude.....	Greensboro, Georgia
Linney, Valerya Orange.....	Flint, Michigan
Logan, John Cassius.....	Portland, Oregon
Logan, Louise Thrasher.....	Tuskegee Institute, Alabama
Loving, Warrenton Mabry.....	Richmond, Virginia
Lucas, Mader.....	Lakewood, Florida
Mackey, Harvey Alexander.....	Elsinore, California
Magee, William*.....	Franklinton, Louisiana
Mahamery, Cherry Lee.....	Dora, Alabama
Mahamery, Rosa Lee.....	Dora, Alabama
May, William Percy*.....	Benton, Alabama
Maynard, James Alarcious.....	Summerville, South Carolina
McClendon, Estella Frances.....	Washington, Georgia
McField, Otis Harrison.....	Routan, Honduras, Central America
McGowan, James.....	Eufaula, Alabama
McGriff, Ernest.....	Beachton, Georgia
McNeil, Justine.....	Galveston, Texas
Mitchum, Walter.....	St. Louis, Missouri
Mitchell, Edwin Cecil.....	Columbus, Georgia
Morgan, Lurlean.....	Laurel, Mississippi
Moore, Carrie W.....	Plumerville, Arkansas
Moore, Fred Alphonso.....	Ortega, Florida
Moore, Leonard Van.....	Marion, Alabama
Moore, Myrtle Victoria.....	Tuskegee Institute, Alabama
Myree, Ada Willie.....	Montgomery, Alabama
Nelson, Frank.....	Chapel Hill, South Carolina
Nichols, Stephen William.....	Hillemann, Arkansas
Olive, Henry C.....	Lexington, Mississippi
Outten, Ernesto Christus.....	Bocas del Toro, Panama
Patterson, Geneva.....	Tuskegee, Alabama
Perry, Claudia May.....	Dora, Alabama
Peterson, Henry.....	Marion, Alabama
Phillips, Ernest Zacharias.....	Tuskegee, Alabama
Phillips, William McKinley.....	Tuskegee, Alabama
Pope, Daniel C.....	Theodore, Alabama
Powell, Kenneth Thomas.....	Mishawaka, Indiana
Prescott, Benjamin W.....	New Orleans, Louisiana

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\* Part of Term.

Pressley, Hattie Mary Ella.....	East Tallassee, Alabama
Quinn, David Piedmon.....	Atlanta, Georgia
Ragsdale, Lewis Elander.....	Muskogee, Oklahoma
Redden, Theresa Marie.....	Clearwater, Florida
Reeder, Theotto.....	Henderson, Kentucky
Rhemes, William.....	Troup, Texas
Richardson, Althea Adella*.....	Tuskegee, Alabama
Richardson, Eugene Roosevelt.....	Birmingham, Alabama
Richardson, Ruby Pearl*.....	Tuskegee, Alabama
Rutledge, Ida Belle.....	Tuskegee, Alabama
Sampson, Clyde Edward.....	Xenia, Ohio
Saunders, Mary Ella.....	Montgomery, Alabama
Sanabria, Vicente.....	Catano, Porto Rico
Sawyer, Percy William.....	Shelby, Alabama
Scott, Joseph Gray.....	Eufaula, Alabama
Scott, Wilmer DeQuincy.....	Eufaula, Alabama
Simmons, Jacob.....	Haskell, Oklahoma
Simms, Arthur Wier.....	Humboldt, Tennessee
Sims, Thomas.....	Tuscaloosa, Alabama
Simpson, Irene Louise*.....	Notasulga, Alabama
Smalls, Alonzo P.....	Charleston, South Carolina
Smith, Alvin Deans.....	Anniston, Alabama
Smith, Thomas Nedd.....	Tuskegee, Alabama
Smith, Tony Adam.....	Galveston, Texas
Smith, William Charles E.....	Brunswick, Georgia
Stepney, Lucile.....	Columbia, Mississippi
Stevens, Walter James.....	Boston, Massachusetts
Stewart, Bertha Lee*.....	Lockhart, Alabama
Storey, Harriet L.....	Columbus, Georgia
Stotts, Bessie.....	Wynne, Arkansas
Sullins, Ola Alva.....	Tuskegee, Alabama
Swinnie, Fannie.....	Tuskegee, Alabama
Taylor, Anthony Pendleton.....	Jackson, Mississippi
Taylor, Edward Victor.....	Tuskegee Institute, Alabama
Thompson, Odessa Mildred.....	Durham, North Carolina
Thompson, Solomon Veerland....	Thompson Town, Jamaica, B. W. I.
Tolin, Moses.....	Opelika, Alabama
Tucker, Emma Beatrice.....	Yazoo City, Mississippi
Turner, Juanca*.....	Macon, Georgia
Tyndall, Henry.....	Old Harbor, Jamaica, British West Indies
Veal, William C.*.....	Macon, Georgia
Wagner, Bertha May.....	Mobile Alabama

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\* Part of Term.



Wallace, Priscilla.....	Pope, Mississippi
Watkins, Cecelia Maud.....	Tuskegee Institute, Alabama
Watkins, Maud Lavinia.....	Tuskegee Institute, Alabama
Washington, Hilliard*.....	Jackson, Mississippi
Webb, George.....	Corydon, Kentucky
Welch, Wilhelmina Elizabeth.....	Tuskegee, Alabama
Wellington, Benjamin Floyd.....	Marysville, Iowa
Westbrooks, Matilda E.....	Benson, Alabama
Whitlow, Sallie.....	Tuskegee Institute, Alabama
Williams, Edgar Riley.....	San Antonio, Texas
William, Walker.....	Love, Mississippi
Williamson, John M.....	Shelby, Mississippi
Wofford, Bertha.....	Muskogee, Oklahoma
Woods, John Varnius.....	Calhoun, Alabama
Woods, Margaret Elizabeth.....	Hadnot, Louisiana
Woodruff, Robert Ellison.....	Gadsden, Alabama
Wilson, Hector Julian.....	Tuskegee, Alabama
Williams, Annie Louise.....	Tallassee, Alabama
Wrenn, Wendell B.....	Anniston, Alabama
Wright, John James.....	Tuscaloosa, Alabama
Wright, Ruth Evangeline.....	Tuskegee Institute, Alabama

## JUNIOR CLASS

Allen, Maggie.....	Tuscaloosa, Alabama
Allen, Pearl Edeline.....	Houston, Texas
Andrews, George Lester.....	Marshall, Texas
Appling, Julian.....	Macon, Georgia
Arrington, Henrietta.....	Catherine, Alabama
Arrocha, Waldo.....	Aguadulce, Panama
Astwood, Donald Oliver.....	Grand Turk, Turk's Island, B. W. I.
Austin, Sylvester Allen.....	Notasulga, Alabama
Auzenne, Gustave.....	Opelousas, Louisiana
Aycock, Birdie Lee*.....	Atlanta, Georgia
Baker, Corine Vivian.....	Griffin, Georgia
Baker, Hampton Virginia.....	Tuskegee, Alabama
Barclay, Margaret Elizabeth.....	Birmingham, Alabama
Barksdale, James Irving.....	Spartanburg, South Carolina
Benson, Lula Belle.....	Benson, Alabama
Billingsly, Catherine.....	Birmingham, Alabama
Beverly, Freida Belle.....	Galveston, Texas
Birdsong, Maud Mary.....	Eastman, Georgia
Bishop, Iva Adel.....	Harrisburg, Illinois

\* Part of Term.

Black, Lonnie James.....	Waverly Hall, Georgia
Bolden, Joseph Alexander.....	Salem, Virginia
Bolden, Mary Magdelene.....	Salem, Virginia
Bowen, Mary Elizabeth.....	Tuskegee, Alabama
Boyd, Thelma Eleanor.....	Athens, Georgia
Bradford, Douglass.....	Goodwater, Alabama
Brannum, Sadie.....	Tuskegee, Alabama
Brawley, Ernest Moultrie.....	Durham, North Carolina
Breaux, Lewis Nesbitt.....	Montgomery, Alabama
Brooks, Dessie.....	Calhoun, Alabama
Brown, Leroy.....	Minter, Alabama
Brown, Timothy*.....	Charleston, South Carolina
Brown, William W.....	Mobile, Alabama
Burch, Alma Lucile.....	Atlanta, Georgia
Burney, Robert.....	Tallassee, Alabama
Burdell, Jesse Terry*.....	Macon, Georgia
Busch, William Frank.....	Columbus, Mississippi
Campbell, Mary Etta.....	Tuskegee, Alabama
Cannon, Joseph Clarence.....	Tuskegee, Alabama
Carr, Rosa May.....	Lowndes, Alabama
Chappelle, Annie Lee.....	Tuskegee, Alabama
Charles, Eliza Eleanor*.....	Mt. Meigs, Alabama
Clarke, Charlie May.....	Atlanta, Georgia
Clark, Henry Mack.....	Enterprise, Alabama
Clayton, Bessie Bryant.....	Sapulpa, Oklahoma
Clemon, Sevar Baldwin*.....	Montgomery, Alabama
Cockrell, William*.....	Columbus, Mississippi
Coleman, Nancy Harriet.....	Prattville, Alabama
Collier, Rosetta.....	Montgomery, Alabama
Collins, Bessie Foster.....	New Orleans, Louisiana
Collins, Columbus*.....	Crosby, Alabama
Conyers, Evelina Constance.....	Savannah, Georgia
Cook, Bernice Elizabeth.....	New York, New York
Cooper, Beulah Elizabeth.....	Tuskegee Institute, Alabama
Cooper, Irene Sarah.....	Notasulga, Alabama
Cozier, Otherie Hildner.....	Dallas, Texas
Cummings, Tillman Harry.....	Tuscaloosa, Alabama
Curgil, Cornelia.....	Montezuma, Georgia
Davis, Goldie May.....	Tuskegee, Alabama
Davis, Mary.....	Montgomery, Alabama
Davis, Wallace Thomas.....	Charlaroi, Pennsylvania
Dawson, Reuben H.....	Livingston, Alabama

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\* Part of Term.

Dean, Leila May.....	Montezuma, Georgia
Dickerson, Adeline Eunice.....	Atlanta, Georgia
Drake, Willie Thelma.....	Tacoma, Washington
Dixon, Rebecca.....	Whittaker, Mississippi
Dunnigan, Andrew.....	Indianapolis, Indiana
Edwards, Clifford*.....	Muskogee, Oklahoma
Ellison, Henry C.....	Memphis, Tennessee
Epps, Clifford.....	Girard, Alabama
Escapa, Jose Isabel.....	Mayaguez, Porto Rico
Fields, George Howard*.....	Cleveland, Ohio
Finley, Otis Ezekiel.....	Lafayette, Alabama
Flake, Dorothy Magdalene.....	Tuskegee, Alabama
Flake, Ulysses.....	Tuskegee Institute, Alabama
Flowers, Minnie Lee.....	Troy, Alabama
Floyd, Edith May.....	Mineola, New York
Fowler, Joseph D.....	Greenville, Mississippi
Foy, Samuel David.....	Hardaway, Alabama
Franklin, Marie.....	Tuskegee, Alabama
Frazier, Carrie Josephine.....	Tuskegee, Alabama
Frazier, George Alfred*.....	Gulfport, Mississippi
Fuller, Lois.....	Tuskegee, Alabama
Fuller, Ouida Blanche.....	Van Buren, Arkansas
Garner, Bernice.....	Tuskegee Institute, Alabama
Gibson, Hattie May.....	Dothan, Alabama
Gilliam, Essie.....	Tuskegee, Alabama
Grant, Mamie D.....	Wilmington, North Carolina
Greene, Margaret.....	Tuskegee Institute, Alabama
Green, Taz.....	Cherry, Tennessee
Greenwade, Elnora.....	Lafayette, Kentucky
Haggins, Iwilda.....	Tuskegee, Alabama
Harbin, Dollie Sunbeam.....	Lisman, Alabama
Hardy, Thomas.....	Fort Worth, Texas
Harper, Phala Bernice.....	Tuskegee, Alabama
Harris, Henry Bradford*.....	Birmingham, Alabama
Hart, Meceil*.....	Muskogee, Oklahoma
Head, Inez*.....	Notasulga, Alabama
Henry, Nancy.....	Pensacola, Florida
Harren, James.....	Camp Hill, Alabama
Herring, Asa Dancey.....	Clinton, North Carolina
Herron, Mollie.....	Chatfield, Texas
Haywood, Lawrence.....	Augusta, Georgia
Hickman, Magnolia Mikey.....	Newby, Oklahoma

\* Part of Term.

Hill, John Allen.....	Okmulgee, Oklahoma
Hilliard, David Henry*.....	Amarillo, Texas
Hockenhull, Isaac Lane.....	Pine Bluff, Arkansas
Hogan, Hewett Thomas.....	Houston, Texas
Holsey, Crosby*.....	Macon, Georgia
Howard, Matthew.....	Crockett, Texas
Howard, Daisy.....	Tuskegee, Alabama
Howard, Martha Gwindola.....	Tuskegee, Alabama
Huggins, Thomas Glenn.....	Tuskegee, Alabama
Hunter, Henry Wyatt*.....	Demopolis, Alabama
Irving, Emmeline.....	Spring Seaforth, Jamaica, B. W. I.
Ivy, Marie.....	Union Springs, Alabama
Jackson, James Elijah.....	Belen, Mississippi
Jackson, Leroy.....	Prairie, Alabama
Jefferson, Arthur B*.....	Boynton, Oklahoma
Jimenez, Jose*.....	Panama City, Panama
Johnson, Callidonia.....	Prattville, Alabama
Johnson, Jay B.....	Macon, Georgia
Johnson, Leola Florence.....	Rome, Georgia
Johnson, Albert M.....	Columbus, Texas
Johnson, Sadie May.....	Tuskegee, Alabama
Johnston, James G.....	Columbus, Mississippi
Jones, Clinton.....	Bremen, Georgia
Jones, Marion.....	Mobile, Alabama
Jones, Joseph Francis.....	Savannah, Georgia
Jones, William May.....	Mathews, Alabama
Joseph, Aaron Josephus*.....	Mathews, Alabama
Kelley, Elijah.....	Girard, Alabama
King, Della*.....	Tallulah, Louisiana
King, Ruth.....	Americus, Georgia
Lang, Lillie.....	Tuscaloosa, Alabama
Lassiter, Daisy Bettina.....	Lavaca, Alabama
Lawson, Davis W.....	Mobile, Alabama
Legett, Joseph.....	Purvis, Mississippi
Lester, William Clarence.....	Birmingham, Alabama
Lett, James.....	New Orleans, Louisiana
Leverett, Arcolia.....	State Line, Mississippi
Leverett, Lizzie.....	State Line, Mississippi
Lewis, Grace.....	Denver, Colorado
Lewis, Hezekiah.....	Lisman, Alabama
Ligon, Annie Eliza.....	Tuskegee, Alabama
Lowe, Lena Edith.....	Waverly Hall, Georgia

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\* Part of Term.



Lofton, Tattnall Marvin.....	Milledgeville, Georgia
Maddox, Rosa May.....	Notasulga, Alabama
Mabson, Clara.....	Tuskegee, Alabama
Marion, Clyde Vincent.....	Columbus, Georgia
Martin, John Henry.....	Anniston, Alabama
Motley, Jimmie.....	Tuskegee, Alabama
Mahone, Carrie.....	Tuskegee, Alabama
Mathis, Frederick Welch.....	El Paso, Texas
McArver, Janie Lee.....	Rome, Georgia
McLamore, Pennsylvania.....	Loachapoka, Alabama
McLester, Charles Edward.....	Bethune, South Carolina
McMillan, Emmett.....	Tuskegee, Alabama
McMurray, Oda*.....	Heiberger, Alabama
Means, Susie.....	Bingham, Alabama
Miller, Jasper A.*.....	Clarksdale, Mississippi
Mills, Floyd.....	Tuskegee, Alabama
Mitchell, Aaron Templeton.....	Leroy, Alabama
Moody, Dora.....	Baxley, Georgia
Moon, Herbert.....	Birmingham, Alabama
Moore, Candus Thiel.....	Little Rock, Arkansas
Murphy, Alexander*.....	Tuscaloosa, Alabama
Nevels, Albert.....	Baton Rouge, Louisiana
Nichols, Emmeline.....	Hillemann, Arkansas
Norris, Frankie May.....	Montgomery, Alabama
Parks, Oscar.....	Council Bluff, Iowa
Patterson, Estelle Addie.....	Huntsville, Alabama
Patterson, Lottie.....	Huntsville, Alabama
Patton, Lucius.....	Montgomery, Alabama
Pearsall, Dorothy.....	Tuskegee, Alabama
Pearsall, Erma.....	Tuskegee, Alabama
Pearson, Juanita Melvin.....	Tuskegee Institute, Alabama
Peeler, Abraham Hendrickson.....	Greensboro, North Carolina
Peeler, Wilbur Steele.....	Greensboro, North Carolina
Perdue, Arizona.....	Gordonsville, Alabama
Phillips, Chester Edward.....	Marion, Alabama
Pinkston, Ernest*.....	Sun, Mississippi
Pinkston, Mattie Lee.....	Mt. Meigs, Alabama
Plowman, Edward Hosmer.....	Covington, Louisiana
Porter, Halliott.....	Marshall, Texas
Porter, Woodie.....	Muskogee, Oklahoma
Price, Ulysses Simpson.....	Buxton, Iowa
Reid, Katie Pearl.....	Macon, Georgia

\* Part of Term.

Reid, Ola May.....	Macon, Georgia
Rice, Verna Lela.....	Beaumont, Texas
Richardson, Thomas.....	Delhi, Louisiana
Richardson, Charles.....	Selma, Alabama
Roberts, Annie Terries.....	Sandersville, Georgia
Robinson, Sarah Louise.....	Shorters, Alabama
Rolly, James.....	Shawneetown, Illinois
Ross, Bertha Lee.....	Tuskegee, Alabama
Roundtree, Voaid.....	Egypt, Georgia
Salmond, Nellie Helen*.....	Sunflower, Mississippi
Saunders, Meekie Ottie.....	Bristol, Virginia
Scott, Emily May.....	Gallion, Alabama
Scott, Ernest*.....	Griffin, Georgia
Scott, Horace Clifford.....	Tuskegee Institute, Alabama
Scrotchings, Cleo Davis.....	Atlanta, Georgia
Sherman, George A.....	Pensacola, Florida
Shivers, Daniel Victor.....	Crawfordsville, Arkansas
Simmons, Larvie.....	Troy, Alabama
Simms, Danie.....	Honorarville, Alabama
Simpson, Dollie May*.....	Tuskegee, Alabama
Simpson, Mamie.....	Notasulga, Alabama
Simpson, Eleanor Vera.....	Jackson, Michigan
Simpson, Lucy Lena Katherine.....	Jackson, Michigan
Sires, Manuel.....	Havana, Cuba
Smith, Cora A.....	Philpot, Kentucky
Smith, Elijah Joseph.....	Abbeville, Louisiana
Smith, Verdella Edinburgh.....	Tuskegee, Alabama
Smith, Euclid Benjamin.....	Prague, Arkansas
Snow, Julius Cæsar.....	Montgomery, Alabama
Stafford, Edna Grace.....	Sandersville, Georgia
Stevens, Dorcas Naomi.....	Tuskegee Institute, Alabama
Stevens, Florida Beatrice.....	Troy, Alabama
Stevens, Rowena Cordelia.....	Tuskegee, Alabama
Stovall, Julia Annie.....	Seale, Alabama
Sullins, Ardell Ruth.....	Prattville, Alabama
Syphax, Lydia.....	Yazoo City, Mississippi
Talley, Vessie Olivia.....	Auburn, Alabama
Tarver, Eufaula.....	Midway, Alabama
Tenette, Bertha Florence.....	Tuskegee Institute, Alabama
Thomas, Bertrand Howard Curtis.....	Los Angeles, California
Thompson, Beatrice*.....	Mengelwood, Tennessee
Thompson, Maxie Bernice.....	Laurel, Mississippi

\* Part of Term.

Thompson, Robert.....	Bessemer, Alabama
Thurston, Robert Turner.....	Russellville, Alabama
Townsell, Nolden*.....	Waco, Texas
Tucker, Fitzgerald.....	Belize, British Honduras, Central America
Walder, Lee.....	Dublin, Georgia
Walker, Augusta Henrietta.....	Milledgeville, Georgia
Wofford, Cleopatra.....	Muskogee, Oklahoma
Walker, Joseph Edward, Jr*.....	Mound Bayou, Mississippi
Warren, Bertha.....	Temple, Texas
Warren, Mary Magdalena.....	Eufaula, Alabama
Ward, Leonard George*.....	Demopolis, Alabama
Washington, Johnngeline.....	Tuskegee, Alabama
Washington, Laura Ophelia.....	Blackshear, Alabama
Waters, Vera Elizabeth.....	Hogansville, Georgia
Watkins, Nathaniel Lee.....	Centreville, Alabama
Weaver, Leo Martin*.....	Birmingham, Alabama
Webb, Harvey.....	Loachapoka, Alabama
Welch, Ernest Rivers.....	Tuskegee, Alabama
Welsey, William T.....	Woodland, Louisiana
West, George T.....	Hensley, Arkansas
White, John, Jr.....	Louisville, Kentucky
White, Lillian.....	Mobile, Alabama
Whitehead, Juanita.....	Galveston, Texas
Whitlow, Smith.....	Tuskegee, Alabama
Whitmore, Julia.....	Clarksdale, Mississippi
White, John Wesley.....	Homer, Louisiana
Whittaker, Phoebe Hines.....	Tuskegee Institute, Alabama
Wiley, George Howard.....	Herndon, Kentucky
Williams, Willie Blanche.....	Tallassee, Alabama
Wiley, George Stirling.....	Pine Bluff, Arkansas
Wiley, Lizzie*.....	Montgomery, Alabama
Williams, Robert W.....	Norwich, Connecticut
Williams, Roseborough.....	Hot Springs, Arkansas
Williams, Thomas.....	Mobile, Alabama
Wilson, Booker T.....	Hillsboro, Texas
Wilson, Carter.....	Strudwick, Alabama
Wrice, Arthur Jacob.....	Macon, Georgia
Wright, Annie Lizzie.....	Hollins, Alabama
Wright, Margaret Cornelia.....	Philadelphia, Pennsylvania
Yancy, Lyman.....	Buford, Georgia
Young, John William.....	Demopolis, Alabama
Zuber, Gaspar Roland*.....	Starksville, Mississippi

\* Part of Term.

## A PREPARATORY CLASS

Adair, Fredda.....	Tuskegee Institute, Alabama
Adams, Garfield.....	Okmulgee, Oklahoma
Adams, John E.*.....	Columbus, Georgia
Agnew, Emory.....	Greensboro, Alabama
Akers, Washington.....	LaGrange, Georgia
Alexander, Eliza Amanda.....	Durant, Mississippi
Alston, Alberta*.....	Hattiesburg, Mississippi
Anderson, Cornelius.....	Daytona, Florida
Anderson, Bertrand.....	Galveston, Texas
Anderson, Richard Ruby.....	Panther, West Virginia
Askew, Hugh Lee.....	Leland, Mississippi
Austin, Henry*.....	Chicago, Illinois
Bailey, Tasborn.....	Durham, North Carolina
Baker, Plassie*.....	Alexander, Louisiana
Battle, James Davis.....	Harrison, Georgia
Beavers, George*.....	Anniston, Alabama
Bernette, Albert Leon.....	Utica, Mississippi
Blythe, Larkin.....	Richmond, Kentucky
Boswell, Jennie.....	Inverness, Alabama
Bowie, Frank.....	Talladega, Alabama
Braxton, Mabel.....	Fitzpatrick, Alabama
Brock, William.....	Chicago, Illinois
Brooks, Eliza Naomi.....	Calhoun, Alabama
Brown, Estelle*.....	Jonesboro, North Carolina
Brown, Eva.....	Notasulga, Alabama
Brown, Floyd*.....	Mound Bayou, Mississippi
Brown, Howard Burkley.....	Spartanburg, South Carolina
Brown, William E.....	Spartanburg, South Carolina
Brownlee, Clinton.....	Pasadena, California
Bryant, Norman.....	Wilmington, North Carolina
Buchanan, Jessie Ann.....	Warriorstand, Alabama
Burney, Hattie May.....	East Tallassee, Alabama
Burwell, Alma Essie Lee.....	Meridian, Mississippi
Butler, Lorance.....	Anderson, South Carolina
Caldwell, Hattie Belle.....	Calhoun, Alabama
Calloway, Rubie Lucile.....	Greensboro, Alabama
Campbell, Andrew David*.....	Carriers, Mississippi
Campbell, James A.*.....	Yazoo City, Mississippi
Campbell, Marzella*.....	Notasulga, Alabama
Cannon, Julia.....	Tishabee, Alabama

\* Part of Term.



Carleton, John W*	Lafayette, Alabama
Carter, Henry	Forest City, Arkansas
Carter, Meredith Leon	Glade Springs, Virginia
Casanova, Fernando*	Panama City, Panama
Casterman, Orwood	Sicily Island, Louisiana
Chipuli, Ramon Hernandez	Vera Cruz, Mexico
Clark, Allie Lillian	San Antonio, Texas
Clark, David	Tuskegee Institute, Alabama
Clark, R. T.	Auburn, Alabama
Clemens, Hattie May	Hogansville, Georgia
Clifton, Walter Washington	Bremond, Texas
Cobb, Esker	Andalusia, Alabama
Collum, Tillman Alonzo	Bainbridge, Georgia
Colvin, Woodie	Eutaw, Alabama
Combs, Otis F.	Lake City, Florida
Cooper, Mittie Earl	Tuskegee, Alabama
Cooper, Sarah	Longview, Mississippi
Cowan, Bessie	Greenville, South Carolina
Cox, Elbert Lorenzo	Moss Point, Mississippi
Crayton, Leroy	Yolande, Alabama
Crocker, John Wesley	Richland, Georgia
Crowell, Rosa Lee	Shorters, Alabama
Cummings, Eulus Leroy	Augusta, Georgia
Cummings, Niccie	Notasulga, Alabama
Dancy, Henry*	Shuqualak, Mississippi
Daniels, Clara Victoria	Milledgeville, Georgia
Daniels, Cleopatra	Sprott, Alabama
Daniels, Clifford Boyce	Atlanta, Georgia
Daniels, Oliver	Palestine, Texas
Davis, Eugene Thomas	Newton, Georgia
Dawson, William Levi	Anniston, Alabama
Day, Mary	Sayre, Alabama
Days, Nora Lee	Frierson, Louisiana
Dickerson, Jannie*	Castlewood, Virginia
Dillon, Zeal*	Sinton, Texas
Dowdell, William Benjamin*	Americus, Georgia
Drake, William	Auburn, Alabama
Duckett, Bertha	Cotton Plant, Arkansas
Dumas, Annie B.*	Tuskegee, Alabama
Dumas, Carrie Lee	Tuskegee, Alabama
Dumas, Hattie	Tuskegee, Alabama
Echols, Ernest Bell	Tuskegee, Alabama

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\* Part of Term.

Edwards, Bruce*	Tuskegee Institute, Alabama
Eggleston, Hugh	Tuscumbia, Alabama
Ellington, Mabel Massa	Tuskegee, Alabama
Evans, Jefferson Davis	Newbern, Alabama
Evans, Owen	Shepherd, Texas
Farmer, Charles	Anniston, Alabama
Felton, Minnie Gertrude	Marshallville, Georgia
Fletcher, Rosa Bell	Meadow, Virginia
Floyd, Estella Lula	Lumberton, North Carolina
Ford, Robert Blackman	Tuskegee, Alabama
Fort, Ada B.	Tuskegee, Alabama
Foster, Estelle	Ralph, Alabama
Freeman, Percy	Rocky Mount, North Carolina
Gaines, Annie	Jasper, Alabama
Gaines, Ruby	Notasulga, Alabama
Gambles, Laura Inez	Union Springs, Alabama
Garner, Mitchell Dorsette	Tuskegee Institute, Alabama
Gardner, Edward	Seattle, Washington
Gaunt, Ludie Johnson	East Tallassee, Alabama
Gaunt, Lola Lawrence*	East Tallassee, Alabama
Gary, Robert Lewis	Memphis, Tennessee
German, Florine Henrietta	Montgomery, Alabama
Gibson, Eldridge	Milledgeville, Georgia
Gibson, Laura	Gabbett, Alabama
Gibson, Solado Irene	Dothan, Alabama
Glover, Frank	Jackson, Mississippi
Goodwin, Corleave Ellen	Birmingham, Alabama
Goodwin, Inez	Union Springs, Alabama
Goodwin, Ruth	Union Springs, Alabama
Graves, Robert Lee	Tuskegee, Alabama
Gray, Ira	Bremond, Texas
Greene, George Morgan	Birmingham, Alabama
Hall, Fanny Ella	Cubahatchie, Alabama
Handy, Samuel	Okmulgee, Oklahoma
Hardman, William	Lockhart, Alabama
Hargrove, Lucy May	Tuscaloosa, Alabama
Harper, Fred Douglass	Ennis, Texas
Harper, James Mitchell	Surginer, Alabama
Harrington, Lewya	Merigold, Mississippi
Hartman, Jay Gould	Mt. Willing, Alabama
Harris, Hattie May	Lowndesboro, Alabama
Harris, Obie	Notasulga, Alabama

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\* Part of Term.

Harrison, Benjamin Franklin*	Chancellor, Alabama
Harrison, Charles	Gilbertown, Alabama
Harrison, Florida	Gilbertown, Alabama
Hearns, Horace Abner	Lake Providence, Louisiana
Hicks, Frank*	Anderson, South Carolina
Hicks, Hattie Tory*	Tuskegee, Alabama
Hines, Andrew Wesley	Karens, Texas
Hobbs, Maud Lillian	Pratt City, Alabama
Hogan, Lavalia*	Dublin, Georgia
Howze, Mary Lizzie*	Marion, Alabama
Hudson, Gwendolin Margaret	Dublin, Georgia
Huffman, Fannie*	Notasulga, Alabama
Huffman, Hattie	Notasulga, Alabama
Hunt, Clarence	Memphis, Tennessee
Ingersoll, Theodore Edward	Columbus, Georgia
Jackson, Minnie Lee	Anniston, Alabama
Jackson, William Ira	Marks, Mississippi
Jefferson, Sylvester	Savannah, Georgia
Jenkins, Emily	Green Cove Springs, Florida
Johnson, Benjamin	Johns, Alabama
Johnson, Eray*	Panama City, Florida
Johnson, Eldridge	Adger, Alabama
Johnson, Julia Alberta	Vicks, Arkansas
Johnson, Naomi Josephine	Harrisburg, Illinois
Johnson, Theresa	Columbus, Texas
Jones, Fannie	Birmingham, Alabama
Jones, Lula May	Jasper, Alabama
Joseph, Aristo*	Brunswick, Georgia
Kelly, Henry*	Belen, Mississippi
Kelly, Mary Etta	Belen, Mississippi
Kennibrew, Louise	Tuskegee, Alabama
Kendrick, Robert*	Greenville, Alabama
King, Dora	Anniston, Alabama
King, Turner Cornelius	Atlanta, Georgia
Lake, George Royal	Tuscaloosa, Alabama
Lambert, Aberdeen*	Americus, Georgia
Latimer, Alice L.	Anderson, South Carolina
Lee, Dovie Nero	Blocton, Alabama
Lewis, Anna Belle	Memphis, Tennessee
Lewis, William Easley	Kokomo, Mississippi
Littman, Alfred B.*	Antanguariro, Madagascar
Locklier, Pickney	Houston, Texas

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\* Part of Term.

Loyo, Jose.....	Callao, Peru, South America
Lymon, Benjamin*.....	Shelby, Mississippi
Mack, Isaac.....	Edwards, Mississippi
Maddox, Frederick.....	Anniston, Alabama
Mallory, Jesse.....	Arabi, Georgia
Mason, Laura.....	Lakewood, Florida
Mawalile, Ponnnett.....	Capetown, South Africa
McDaniels, Anna Viola.....	Chesson, Alabama
McDaniels, Roy.....	England, Arkansas
McDavid, Edna Augusta.....	McLeod, Mississippi
McGowan, Alcester Lucile.....	Inverness, Alabama
McQueen, Irene Eleanor.....	Thomasville, Georgia
McMurrain, Herman.....	Buena Vista, Georgia
McWhorters, Anna May.....	Shorters, Alabama
Meadows, McCain.....	Lowndesboro, Alabama
Means, Faraba Annie.....	Bolton, Georgia
Mills, Katherine.....	Tuskegee Institute, Alabama
Mitchell, Ethel Masie.....	Lafayette, Alabama
Moore, Lewis Cromwell.....	Plummerville, Arkansas
Moore, Marion Daisy.....	Tuskegee Institute, Alabama
Moore, Rosa May.....	Gabbett, Alabama
Nelson, Pinkney Lee.....	Okmulgee, Oklahoma
Newborn, Lily*.....	Vanndale, Arkansas
Nichols, Solomon.....	Hillemann, Arkansas
Nixon, Eleanor Beatrice.....	Tuscaloosa, Alabama
Norfles, Nathan.....	Port Allen, Louisiana
Noisette, Walter Benjamin.....	Charleston, South Carolina
Norris, Monroe*.....	Tyler, Texas
Ollison, Synetta Juanita.....	Selma, Alabama
O'Neal, Lee Gusta.....	Notasulga, Alabama
Outten, Edmund.....	Bocas del Toro, Panama
Owens, Joanna Pearl.....	Denver, Colorado
Parker, John Walter.....	Hartford, Alabama
Parris, Robert Alexander.....	Scott, Mississippi
Payne, Dee Albert.....	Frankston, Texas
Pearson, Alice Adele.....	Tuskegee Institute, Alabama
Peterson, Viola Johnela.....	Tuskegee, Alabama
Pendleton, Julia Lee.....	Troy, Alabama
Phillips, Fitzsimmons.....	Tuskegee Institute, Alabama
Phillips, Richard Thornton.....	Brackettville, Texas
Polite, Machaelis.....	Brunswick, Georgia
Polk, Prentiss Herman.....	Bessemer, Alabama

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\* Part of Term.



Postoak, Bettie.....	Beggs, Oklahoma
Pressly, Pearl V.....	East Tallassee, Alabama
Pritchett, Harold William.....	Bristol, Virginia
Pulliam, Ira Sidney.....	Talladega, Alabama
Raiford, Mary Anna.....	Atlanta, Georgia
Robbins, William B.....	Rockdale, Texas
Robinson, Bernard.....	Montgomery, Alabama
Robinson, Daisy.....	Tougaloo, Mississippi
Robinson, Geneva.....	Batchelor, Louisiana
Robinson, Mary.....	Fort Deposit, Alabama
Rogers, Guthrie.....	Beggs, Oklahoma
Rogers, Lillian.....	Shannon, Mississippi
Rosser, Mattie.....	Roanoke, Alabama
Russell, Joshua.....	Mobile, Alabama
Samuels, Lizzie.....	Thomasville, Georgia
Scarborough, Charity Wilbur.....	Blocton, Alabama
Scott, Lenora Kyle.....	Tuskegee Institute, Alabama
Showalter, Addie May.....	Birmingham, Alabama
Simmons, James Blanton.....	East Point, Georgia
Singfield, Waldrof.....	Little Rock, Arkansas
Simmons, Mattie.....	Wetumpka, Alabama
Sims, Harvey Henry.....	Elberton, Georgia
Smith, Alonzo.....	Garnett, South Carolina
Smith, Carrie Lee.....	Tuskegee, Alabama
Smith, Edward Griffin.....	Montgomery, Alabama
Smith, Julia J.....	West Point, Georgia
Smith, Lovejoy.....	Newville, Alabama
Smith, Luther*.....	Laurel, Mississippi
Smith, Reuben C.....	Vicksburg, Mississippi
Smith, Roger William.....	Ogden, Arkansas
Smith, William McKinley.....	East Tallassee, Alabama
Snowden, John Wesley.....	Deerwood, Maryland
Sandola, Robinson.....	Engcobo, Tembuland, Union of South Africa
Spears, Morgan Douglass.....	Pensacola, Florida
Starks, Carrie Lee.....	Griffin, Georgia
Stallworth, David Lee.....	Gordonsville, Alabama
Starks, Mary Louise.....	Americus, Georgia
Stephens, Herbert.....	Girard, Alabama
Stewart, Addie May.....	Tallassee, Alabama
Sullivan, Hubert Sanders.....	Marion, Alabama
Taylor, Alonzo McCrealus*.....	Andalusia, Alabama
Taylor, Irene Lobelia.....	Hardaway, Alabama

\* Part of Term.

Taylor, Thomas Hewlett.....	Ramer, Alabama
Terry, Louise Bernice.....	Brockton, Massachusetts
Thomas, Julia Webb.....	Tuskegee Institute, Alabama
Tigner, Bertha.....	Durant, Georgia
Tompkins, Clemon Franklin.....	Fitzpatrick, Alabama
Tonsler, Julius Cæsar.....	Charlottesville, Virginia
Towns, Roxie.....	Dermott, Arkansas
Trammell, Bishop.....	Gadsden, Alabama
Trotter, Isalen.....	Shady Grove, Alabama
Tucker, Henry.....	Newberry, South Carolina
Turner, Aldrich.....	Talladega, Alabama
Turner, Ira.....	Chicago, Illinois
Turner, James Robert.....	Lowndesboro, Alabama
Turner, Jonah.....	New Viena, Ohio
Turner, Thomas James.....	Montgomery, Alabama
Tyner, Carrie.....	Auburn, Alabama
Walker, Bessie.....	Uniontown, Alabama
Walker, John.....	Eastland, Georgia
Walker, Stella Vandelia.....	Taft, Oklahoma
Washington, Anna May.....	Tuskegee, Alabama
Washington, John Noble.....	Atlanta, Georgia
Washington, William G.....	Savannah, Georgia
Watkins, Lizzie.....	Tuskegee, Alabama
Watkins, Thomas.....	Birmingham, Alabama
Wattleton, Nettie May.....	Hobson City, Alabama
Watts, Leona*.....	Montgomery, Alabama
Weathersby, Mary E.*.....	Dlo, Mississippi
Weaver, Rudolph Leroy.....	Kansas City, Missouri
Webb, Harold William.....	East Tallassee, Alabama
Webb, Jessie V.....	Vincent, Arkansas
Webster, Dennis Field.....	LeCompte, Louisiana
West, Etra May.....	Chattanooga, Tennessee
Whittington, Ezra.....	Carthage, Mississippi
Williams, Adell.....	Milan, Georgia
Williams, Arthur W.....	Helena, South Carolina
Williams, Delphine Peck.....	Greensboro, Alabama
Williams, Harry.....	Americus, Georgia
Williams, James Milstead.....	Milstead, Alabama
Williams, Jesse Fernandez.....	Birmingham, Alabama
Williams, John A.....	Hardaway, Alabama
Williams, Larcenia B.....	Troy, Alabama
Williams, Lois.....	Montgomery Alabama

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\* Part of Term.

Wilson, Howard Butler.....	Norwich, Connecticut
Wilson, Sallie May*.....	Montgomery Alabama
Woods, Rubie.....	Gadsden, Alabama
Yancy, Cornelius David.....	Redland, California
Young, Birdie Lee.....	Greenville, Mississippi

## B PREPARATORY CLASS

Adams, Callie May.....	Bessemer, Alabama
Allen, Addie May.....	Camp Hill, Alabama
Allen, Caudie.....	Camp Hill, Alabama
Andrews, Daniel Webster.....	Arabi, Georgia
Appling, Emory*.....	Macon, Georgia
Ashley, Georgia.....	Union Springs, Alabama
Bachelor, Robert*.....	Muskogee, Oklahoma
Ballard, Andrew Butler.....	Greenville, South Carolina
Banks, Jefferson Davis.....	Sylacauga, Alabama
Barbour, Mordecai.....	Tuscaloosa, Alabama
Barnes, Lloyd*.....	Sardis, Alabama
Beal, Henry.....	Bessemer, Alabama
Bean, Alma.....	Saco, Alabama
Bell, Oscar Leander.....	Sheperd, Texas
Bevard, William Fred*.....	Montgomery, Alabama
Bomar, Homer.....	Greenbrier, Arkansas
Bright, William Augustus.....	Americus, Georgia
Brown, Emma Jaunita.....	Gallion, Alabama
Brown, Lettie Louise.....	Willett, Mississippi
Broyles, Laura.....	Gibson, Mississippi
Buford, Julian.....	Murfreesboro, Tennessee
Burdell, Ulysses S.....	Macon, Georgia
Byrd, Ozie Belle.....	Milstead, Alabama
Byrd, William.....	Naftel, Alabama
Callis, Leon Turner*.....	Chicago, Illinois
Calloway, James Henry.....	Greensboro, Alabama
Campbell, Cullen Leon*.....	Duckhill, Mississippi
Carey, Cornelius.....	Lexington, Kentucky
Carlos, Martha.....	East Tallassee, Alabama
Carlos, Mary.....	East Tallassee, Alabama
Cavanaugh, Alfred O.....	Bocas del Toro, Republic of Panama
Chambers, Meduffy*.....	Legrand, Alabama
Chambers, Sallie E.....	Lynchburg, Virginia
Champa, Angela Custine.....	Panama City, Panama
Chisholm, Mary Arthur.....	Charity, Alabama

\* Part of Term.

Claybourne, David Brown.....	Ansonia, Connecticut
Clayton, James Jesse.....	Birmingham Alabama
Clayton, Raymond McKinley.....	Sapulpa, Oklahoma
Cobb, Alonzo.....	Flowery Branch, Georgia
Cohen, John Wesley.....	John's Island, South Carolina
Coleman, Don.....	Pearisburg, Virginia
Coleman, George.....	Montgomery, Alabama
Coleman, Prince.....	Okmulgee, Oklahoma
Cooper, Jacob.....	Fernwood, Mississippi
Cotton, Elnora Lee.....	Notasulga, Alabama
Cox, Annie.....	Lafayette, Alabama
Cunnegin, Walter*.....	Duncanville, Alabama
Curgil, Ella McCoy.....	Montezuma, Georgia
Daily, Luther Oliver*.....	Anniston, Alabama
Davis, Bernice.....	Miami, Florida
Dearmon, John Wesley.....	Doucette, Texas
Deshazor, Annie Snow*.....	Troy Alabama
Dowdell, William Smith.....	Opelika, Alabama
Echols, Annie Lee.....	Loachapoka, Alabama
Emerson, Howard.....	Pittsburgh, Pennsylvania
Ewell, Robert.....	Thomasville, Georgia
Ferguson, Florence Myrtle.....	New Orleans, Louisiana
Flake, Robert Hunter.....	Tuskegee Institute, Alabama
Fletcher, Early.....	Murfreesboro, Tennessee
Ford, Susie Anna.....	Tuskegee Institute, Alabama
Frazier, Clanton.....	Taft, Oklahoma
Freeman, Samuel Bernard.....	Lafayette, Alabama
Glisson, Cyrus*.....	Sumter, South Carolina
Gibson, Gladys.....	Gabbett, Alabama
Glenn, Jesse.....	Taft, Oklahoma
Gowen, Miguel*.....	Maximo Gomez, Cuba
Gooden, Henry*.....	Mumford, Alabama
Graham, Lillie.....	Chesson, Alabama
Gray, Eartha.....	Gainesville, Alabama
Greene, John Lee.....	Tuscaloosa, Alabama
Greene, Maggie.....	Marshall, Texas
Grier, William David*.....	Humboldt, Tennessee
Grigsby, Earnest Richard.....	Houston, Texas
Hallowell, Allen.....	Potts Camp, Mississippi
Hardman, James Thomas.....	Lockhart, Alabama
Hargrove, Isreal*.....	Tuscaloosa, Alabama
Harper, Theodore R.....	Ennis, Texas
Harrington, Grace.....	Marigold, Mississippi

\* Part of Term.



Harrison, Christopher Columbus.....	Gilbertown, Alabama
Hawkins, Lurena Eva.....	Coweta, Oklahoma
Hayes, Isaac.....	Ft. Gaines, Georgia
Henry, Chester.....	San Diego, California
Henry, Hattie.....	East Tallassee, Alabama
Hickman, Enus Mickey.....	Newby, Oklahoma
Hill, John Henry.....	Macon, Georgia
Hill, Myrtle.....	Emporia, Virginia
Hogans, Beatrice*.....	Carrollton, Georgia
Holifield, Roger McKay.....	Auburn, Alabama
Hollingsworth, Ivanhoe.....	Panama City, Panama
Holmes, Benjamin.....	Okmulgee, Oklahoma
Howard, Naomi.....	Tuskegee, Alabama
Howard, Ruth.....	Tuskegee, Alabama
Hudson, Gertrude Beatrice.....	Dublin, Georgia
Huffman, Birdie Lee.....	Tuskegee, Alabama
Hulon, Cora Delilah.....	Memphis, Tennessee
Hurd, Mahala.....	Alexandria, Louisiana
Hunt, Mary Belle.....	Columbus, Georgia
Jackson, Jace P.....	Villa Rica, Georgia
Jackson, John W.....	Marks, Mississippi
Jackson, Major Allan*.....	Talladega, Alabama
Jackson, Marcus H.....	Demopolis, Alabama
James, Pleasant.....	Apalachicola, Florida
Jefferson, Alfonso*.....	Arkansas City, Arkansas
Jenkins, Elijah.....	Georgiana, Alabama
Johnson, Alfred Edward.....	Montgomery, Alabama
Johnson, Anderson J.....	Birmingham, Alabama
Johnson, Edward L.....	Huntsville, Alabama
Johnson, Leonora Mary.....	West Point, Georgia
Johnson, Logan*.....	Rome, Georgia
Johnson, Utah.....	Cotton Plant, Arkansas
Johnson, Willie Leola.....	Tuskegee, Alabama
Jones, Cordelia.....	Jasper, Alabama
Jones, Glenver.....	Moss Point, Mississippi
Jones, Hardy.....	Festus, Missouri
Jones, William Mack*.....	Albany, Georgia
Jordan, Edward.....	Grambling, Louisiana
Kelly, Lula Bell.....	Auburn, Alabama
Kimble, Thomas Nathaniel.....	Marvel, Arkansas
Kyser, Marie Walker.....	Evergreen, Alabama
Lampkin, Nancy Rebecca.....	Loachapoka, Alabama

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\* Part of Term.

Larrondo, Jose M.*	Sagua la Grande, Cuba
Layson, Robert Walter	Macon, Georgia
Leach, Cora	Marshall, Texas
Lee, Amos Allen*	Muskogee, Oklahoma
Lee, Mollie	Muskogee, Oklahoma
Leftwich, Ivy	Forkland, Alabama
Leggett, Booker Thomas	Pensacola, Florida
Leonard, Carlyle	Corpus Christi, Texas
Lewis, Charles Mitchell	Humboldt, Texas
Lewis, John Henry	New York, New York
Lewis, William, Jr.	Auburn, Alabama
Ligon, Cecelia Alice	Auburn, Alabama
Logan, Shelton	Strudwick, Alabama
Lomam, Laurence D.*	Beggs, Oklahoma
Lowe, Theodore	Lake City, Florida
Lumpkin, Rosetta	Shorters, Alabama
Maben, Norvel	New York, New York
Mack, Mary	Richmond, Alabama
Mahlatjie, Nathaniel*	Petersburg, Transvaal, South Africa
Malcolm, Harry	Atlanta, Georgia
Mankin, Augustus Otis	Richmond, Virginia
Marbly, Henry	Choctaw, Alabama
Marchman, Frederick Douglass	Bessemer, Alabama
Marsh, Ordie	Laurel, Mississippi
Matthews, Cynthia Frances	Muskogee, Oklahoma
May, Vera	Newville, Alabama
McCaster, Annie Elenora	Shorters, Alabama
McCrary, Sandy*	Marianna, Arkansas
McDowell, George Washington	Greensboro, Alabama
McGhee, Regner	Eutaw, Alabama
McGowan, Vesserlene	Inverness, Alabama
McKay, Lillie May	Fayetteville, North Carolina
McMurray, Van Buren	Heiberger, Alabama
McSwain, Jackson*	Enid, Oklahoma
Meadows, George W., Jr*	Midway, Alabama
Means, Andrew	Bingham, Alabama
Menafee, James	Tuskegee, Alabama
Miles, Emma Lenora	Montgomery, Alabama
Milhouse, Priscilla*	Montgomery, Alabama
Monge, Augusto	Sagua la Grande, Cuba
Moody, Clarence C.	Jackson, Tennessee
Morris, Edgar Tyler	Salem, Virginia

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\* Part of Term.

Moss, Alice*	Notasulga, Alabama
Mott, James Monroe*	East Tallassee, Alabama
Murphy, William*	Carriere, Mississippi
Neely, Laura*	Byhalia, Mississippi
Netherly, Sullivan*	Lauderdale, Mississippi
Nicks, William Haywood	Bessemer, Alabama
Pace, Jessie Lee	Warriorstand, Alabama
Pearon, James Courtland	St. Joseph, Missouri
Pearson, Ruth	Hillemann, Arkansas
Penn, Sallie Belle	Three Notch, Alabama
Peoples, William F*	Kilmichael, Mississippi
Perry, George, Jr.	Opelika, Alabama
Perry, Percy Thomas	Little Rock, Arkansas
Phillips, Edward*	Tuskegee Institute, Alabama
Pickens, John	Mobile, Alabama
Pierce, Alvin Luther	Anniston, Alabama
Pinkard, Frank*	Lafayette, Alabama
Powell, St. Mark*	Mississippi City, Mississippi
Price, Richard	Ruatan, Spanish Honduras, Central America
Quarker, George*	Macon, Georgia
Rainer, Booker Taliferro	Tuskegee, Alabama
Ramirez, Rafael Gallol	Panama City, Panama
Redden, James Herman	Clearwater, Florida
Reed, William Mills	Van Buren, Arkansas
Reel, Leroy	Jasper, Alabama
Rengifo, Eduardo Montenegro	Panama City, Panama
Reynolds, Charles Boseniar	Jackson, Mississippi
Richardson, Percy J.	Demopolis, Alabama
Roberts, Arthur Lafayette	Buford, Georgia
Roberts, Matthew	Beggs, Oklahoma
Robinson, Alice Eva Margaret	Shorters, Alabama
Robinson, Charles Elbert*	Hamilton, Georgia
Robinson, Lewis	Jackson, Mississippi
Robinson, Turner	Warriorstand, Alabama
Robinson, Zackariah	Brooklyn, Mississippi
Rogers, Marion Revell*	Louise, Mississippi
Rogers, Thomas Robert*	Macon, Georgia
Roig, Isidro Acea*	Havana, Cuba
Rose, David	Tysonville, Alabama
Ross, William M.	Mound Bayou, Mississippi
Royster, Julia	Osceola, Arkansas
Salmond, Ada Dorisa*	Sunflower, Mississippi

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\* Part of Term.

Salmond, Ellen Mary*	Birmingham, Alabama
Samples, Galileo	Anderson, South Carolina
Satterwhite, Julian	Camp Hill, Alabama
Sewell, Addie*	Royston, Georgia
Shanklin, William	Homerville, Louisiana
Simmons, Eugene B.	Boynton, Oklahoma
Simmons, Otto D.	Brunswick, Georgia
Slaughter, Julius	Auburn, Alabama
Sloan, Richard	Salisbury, North Carolina
Smith, Myra Theodosia	Concord, North Carolina
Smith, Nelson Alonzo	Opelika, Alabama
Sorsby, Joseph Francis	Palos, Alabama
Staggs, Uriel	Greenville, South Carolina
Starks, Vivian Vilchester	Galveston, Texas
Story, Gertha Beatrice	Milstead Alabama
Stovall, Maggie	Seale, Alabama
Sucre, Carlos	Aguadulce, Panama
Sullivan, Gifford	Marion, Alabama
Sullivan, John	Greenville, South Carolina
Sykes, Lawyer	Prairie, Alabama
Taylor, Carmelia	Moncure, North Carolina
Taylor, John L.	Athens, Georgia
Terrell, Mamie	Milstead, Alabama
Thomas, Early	Anderson, South Carolina
Thomas, Lula F.	Inverness, Alabama
Thornton, Haron*	Point Peter, Georgia
Todd, John Henry	Notasulga, Alabama
Trail, Nathan	Anderson, South Carolina
Trotter, Minnie	Seat Pleasant, Maryland
Tucker, Edward*	Yazoo City, Mississippi
Turner, Ralph	Victoria, Texas
Valentine, Dewitt Calvary	Lynchburg, Virginia
Van Aller, Vincent	St. Thomas, Danish West Indies
Vann, Grace Medora	Kingfisher, Oklahoma
Vaughn, Irene	Tuscaloosa, Alabama
Vause, Bessie Ruth*	Vanndale, Arkansas
Watts, Baxter Alexander	Sayreton, Alabama
Webb, Cicero	East Tallassee, Alabama
White, Haynie*	Gulfport, Mississippi
Wiley, Ulysses	Sardis, Mississippi
Wiley, William Smith	Pine Bluff, Arkansas
Williams, Amos Loveless	Bessemer, Alabama

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\* Part of Term.



Williams, Arthur Clyde.....	Tallassee, Alabama
Williams, Florence*.....	Neita, Louisiana
Williams, Gertrude.....	Murfreesboro, Tennessee
Williams, Jimmie.....	Notasulga, Alabama
Wilson, Irene Frances.....	Malvern, Arkansas
Wilson, Elwood.....	San Antonio, Texas
Wilson, Margaret Janet.....	York, Pennsylvania
Woolfolk, Allen Jackson.....	Auburn, Alabama
Worthy, George Frances.....	Brunswick, Georgia
Wynn, Charles Leroy*.....	Birmingham, Alabama
Young, Harry.....	Birmingham, Alabama

## C PREPARATORY CLASS

Andrews, Siena*.....	Elberton, Georgia
Anthony, Joella.....	Elmore, Alabama
Armstrong, Mary.....	White Oak, Georgia
Baker, Charles.....	Dublin, Georgia
Barlow Michael.....	Doucette, Texas
Barnes, Leo Smith.....	Fort Riley, Kansas
Benson, Reese.....	Marion, Alabama
Blalock, Horace Daniel.....	Savannah, Georgia
Bradley, Marcus.....	Keeline, Wyoming
Brazier Eugene*.....	Ensley, Alabama
Brown, Henry Henderson.....	Lowndesboro, Alabama
Bowen, Lettie.....	Fort Davis, Alabama
Brown, Marvin.....	Brunswick, Georgia
Brown, Wiley*.....	Marie, Arkansas
Bullock, Cornell.....	Halley, Arkansas
Carey, Nelson Spencer*.....	Lexington, Kentucky
Carter, William.....	Phoenix, Arizona
Chappelle, Josephine.....	Jones, Alabama
Chase, Ulysses.....	Brusly, Louisiana
Christy, Edgar.....	Hollondale, Mississippi
Clancey, Gus Elliott.....	Woodstock, Alabama
Clark, Alberta.....	Newbern, Alabama
Clark, Victor Irvin.....	Auburn, Alabama
Clay, Landon Charles.....	Bristol, Virginia
Clay, George.....	Reagan, Texas
Clow, Erma Lee.....	Oberlin Oklahoma
Cobb, Loring Palmer.....	Tuskegee, Alabama
Cammack, Benjamin.....	Shelby, Mississippi
Coger, Edward Lee.....	Cherokee, Alabama

\* Part of Term.

Colbert, Charles.....	Haskell, Oklahoma
Connor, James.....	Ocala, Florida
Cooper, Lawyer.....	Starksville, Mississippi
Cotton, John*.....	Enondale, Mississippi
Cowen, Claudia.....	Greenville, South Carolina
Crimes, Wayman Lee.....	Montgomery, Alabama
Currington, Lucius Henry.....	Lake City, Florida
Dallas, Alfonso Julian.....	Tallahassee, Florida
Davis, Ferdinand.....	Ennis, Texas
Davis, Ramsey.....	Swan Lake, Mississippi
Drake, Hodge.....	Auburn, Alabama
Eden, John Samuel.....	Stann Creek, British Honduras, C. America
Ferrell, Arthur Whittier.....	Macon, Georgia
Flack, Golden Virgil.....	Gilkey, North Carolina
Flack, Theodore Roosevelt.....	Gilkey, North Carolina
Fleetwood, Lela Lola.....	Rome, Georgia
Garnett, Charles Douglass.....	Herndon, Kentucky
Gland, Alfonso*.....	Red Bird, Oklahoma
Gaines, Stanley.....	Notasulga, Alabama
Gantt, George Washington.....	Birmingham, Alabama
Glaze, William.....	Lowndesboro, Alabama
Grant, Luther.....	Hope Bay, Jamaica, B. W. I.
Gray, Harriet Lafronia.....	Gainesville, Florida
Greene, Carroll Stafford*.....	Valdosta, Georgia
Grimes, Fred Douglass*.....	Greensboro, Georgia
Hall, Nathaniel.....	Montgomery, Alabama
Hall, Robert*.....	Quitman, Georgia
Hardy, Thomas Roosevelt.....	Pittsburgh, Pennsylvania
Hart, Clarence*.....	Atlanta, Georgia
Heath, Robert*.....	Roanoke, Alabama
Highsmith, Jesse.....	Lumberton, Mississippi
Hill, Jonathan Clarence.....	Thomasville, Georgia
Hollis, Etta May.....	Dixie, Georgia
Holmes, Richard.....	Houston, Texas
Howard, William Oscar*.....	Montgomery, Alabama
Hughes, Erskine.....	Pratt City, Alabama
Ivory, Wilhelmina.....	Gary, Maryland
Jackson, Augusta*.....	Birmingham, Alabama
Jackson, Charles Alonzo.....	Glen Wilton, Virginia
Jarmon, John Timothy.....	Leland, Mississippi
Jenkins, Sebron Arthur.....	Albany, Georgia
Jennings, William, Jr.....	Chicago, Illinois

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\* Part of Term.

Jessup, Mary George.....	Monroe, Georgia
Johnson, Alberta.....	Mobile, Alabama
Johnson, Dallas Pratt*.....	Switzerland, South Carolina
Johnson, David Cooper.....	Fernwood, Mississippi
Johnson, Jesse.....	Lowndesboro, Alabama
Johnson, John Philip.....	Elberton, Georgia
Johnson, Stephen.....	Cheraw, South Carolina
Jones, Major Jackson.....	Centerville, Alabama
Jordan, Barzilla.....	Loachapoka, Alabama
Judkins, Julius*.....	Mitchell Station, Alabama
Keeby, Joyful, Jr.....	Plateau, Alabama
Kennedy, Ned.....	Moss Point, Mississippi
King, Isaac*.....	Selma, Alabama
Law, Nettie.....	Camp Hill, Alabama
Lee, Lula.....	Enterprise, Alabama
Lowe, Herbert.....	Taft, Oklahoma
Lumpkins, Oscar*.....	Reynolds, Georgia
Malcolm, Charles.....	Atlanta, Georgia
Marino, Robert.....	Daphne, Alabama
Martin, William H.*.....	Anderson, South Carolina
Massey, Willis*.....	Ochlocknee, Georgia
Mayden, Roy*.....	Slidell, Louisiana
McCollum, Mary Parthenia.....	Lowndesboro, Alabama
McCrary, Lillian.....	Greensboro, Alabama
McDonald, Lee.....	Horatio, Arkansas
McNeill, Henrietta.....	Andalusia, Alabama
Milner, Theodore.....	Camp Hill, Alabama
Mitchell, Alene.....	Thomasville, Georgia
Moody, Oscar Roy.....	Vinegar Bend, Alabama
Moton, John Henry.....	Ocala, Florida
Myers, Conway Jerry.....	Portsmouth, Virginia
Nash, Ophelia.....	Capersville, Tennessee
Neely, Archie*.....	Bolivar, Tennessee
O'Neal, Bobbie.....	Pratt City, Alabama
Owens, George.....	Demopolis, Alabama
Pender, Hattie.....	River Fall, Alabama
Pinkard, Mattie.....	Lafayette, Alabama
Pitts, Bessie Lee.....	LaGrange, Georgia
Plumer, Stacy Adam.....	Dublin, Georgia
Porter, William James.....	Oxmoor, Alabama
Ray, Wiley.....	Cubahatchie, Alabama
Reid, Robert B.....	Thomasville, Georgia

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\* Part of Term.

Rivers, Lucy Ann*	Anniston, Alabama
Robinson, Delia Ethel	Hollandale, Mississippi
Robinson, Hattie	Lawrenceville, Virginia
Robinson, Ruby	Elberton, Georgia
Rouse, Bettie Lee	Farmington, Tennessee
Sargent, Ransome	Sumter, South Carolina
Saunders, Edward*	Oglethorpe, Georgia
Sconiers, William Lee	Chancellor, Alabama
Sherard, Mack*	Anderson, South Carolina
Simms, Alberta*	Dermott, Arkansas
Smiler, Winton	Bainbridge, Georgia
Smith, Dorothy Daisy	Anniston, Alabama
Spates, Aaron*	Dublin, Georgia
Steward, Samuel D.	Liverpool, Alabama
Stewart, Bedford	Fackler, Alabama
Street, William	Ashville, Alabama
Strong, Emzie*	Elgin, Texas
Tellis, Hannah	Union Springs, Alabama
Thomas, Edward	Quitman, Georgia
Thomas, Ella*	Quitman, Georgia
Thorpe, Vincent Lucius*	Gadsden, Alabama
Tolbert, Alfred	Church Hill, Mississippi
Trice, Festus	Monk, Georgia
Underwood, Edward*	Clinton, North Carolina
Walker, Augustus Leon*	Harrison, Georgia
Walker, Irven*	Lexington, Kentucky
Washington, Albert	Whittaker Mississippi
Washington, William W.	Lexington, Kentucky
Watson, Mamie	Clarksville, Georgia
Weaver, Mary Magdelene	Leakesville, Mississippi
Wiley, Mary Etta	Nacoochee, Georgia
Williams, Frank	Tallassee, Alabama
Williams, Lawrence Ward	Greenville, South Carolina
Williams, Sidney Greene	Bonaire, Georgia
Williams, Ulric	Chicago, Illinois
Williams, Winfred	Ormond, Florida
Wilson, William Henry*	Warrenton, Georgia
Winfield, Arter	Helena, Arkansas
Woods, Rachel	Goshen, Alabama
Young, Alexander	Montgomery, Alabama
Zillner, Earl*	Columbia, Tennessee

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\* Part of Term.



## SPECIAL C PREPARATORY CLASS

Andrews, Whittier*	Wilmington, North Carolina
Blackburn, John Wesley	State Line, Mississippi
Brooks, Roy	Harlem, Georgia
Brown, James	Bremond, Texas
Cargill, Hilda	Bocas del Toro, Panama
Carl, Wilbur Cornelius*	New York, New York
Carswell, Vance*	Dublin, Georgia
Clodfeller, Mary D.*	Montgomery, Alabama
Cleveland, William Dolphin	Monk, Georgia
Creed, Albert Henry	Rome, Georgia
Couche, Embre*	Andalusia, Alabama
Dean, Thomas	Jamestown, Alabama
Dye, Henry Daniel*	Roopville, Georgia
Evans, Athnaise	Saint Lucia, Troiselle, British West Indies
Fears, Emery	Anniston, Alabama
Feaster, Leroy	Salisbury, North Carolina
French, Eustace Nathaniel	Saint Elizabeth, Jamaica, B. W. I.
Grant, Randall*	Notasulga, Alabama
Greenwood, Porter	Rome, Georgia
Hadley, Fred	Thomasville, Georgia
Haith, Claude S.*	Mebane, North Carolina
Halsell, Henry Clay	Fort Mitchell, Alabama
Harris, Andrew	Harlem, Georgia
Harris, Jessie Lee	Indianolia, Mississippi
Howard, Lucile	Union Springs, Alabama
Hubbard, James Aural	Moss Point, Mississippi
Hindsman, Charles Walker*	Atlanta, Georgia
Hughes, Everette	Pratt City, Alabama
Irven, Gertrude*	Tennille, Georgia
Jackson, Theodore Roosevelt	Demopolis, Alabama
Jama, Mohammed*	Aden, Arabi, South West Africa
Jenkins, Sarah Ella	Ensley, Alabama
Jones, Charles*	Taft, Oklahoma
Jones, Lamar*	East Point, Georgia
Law, Ethel Lee	Albany, Georgia
Lewis, Joseph Meredith*	Hazelhurst, Mississippi
Martin, Kirby	Burlington, North Carolina
Milhouse, Edward	Montgomery, Alabama
Mitchell, Bozeman*	Tysonville, Alabama
Morigna, Delia	Attalla, Alabama

\* Part of Term.

Parks, William*	Roopville, Georgia
Penn, Ora	Keener, Alabama
Peterson, Emory	Bainbridge, Georgia
Phelps, Mattie	Oceola, Arkansas
Rhodes, Rosa	Hollandale, Mississippi
Roper, Cosmo	Oakland, California
Shannon, Charles*	Loachapoka, Alabama
Singleton, Josephine	Tuscaloosa, Alabama
Spaulding, Georgiana*	Tuskegee Institute, Alabama
Stallsworth, Lawrence William*	Ensley, Alabama
Stephens, Venice*	Birmingham, Alabama
Stewart, Annie Lee	Indianola, Mississippi
Thomas, Clarence Brook	Dixie, Georgia
Thompson, Leonard	Roanoke, Alabama
Townes, Lizzie	Birmingham, Alabama
Turner, William	Port Gibson Mississippi
Watkins, Thomas*	Mebane, North Carolina
White, Eunice Belle	Newton, Alabama
Williams, William*	Columbus, Georgia
Willoughby, Matthew	Savannah, Georgia
Worlds, Leslie Lemuel*	Argenta, Arkansas
Wright, Chauncey Depew	Valdosta, Georgia

### PHELPS HALL BIBLE TRAINING SCHOOL

#### POST-GRADUATES

Coleman, William T	Lineville, Alabama
Harris, Junius	New Orleans, Louisiana
Houze, Louthaniel	Marion, Alabama
Perkins, Daisy	Pine Hill, Alabama
Pope, Daniel C	Theodore, Alabama
Simms, Nolan	Honoraville, Alabama
Vann, Serena*	Rock Island, Illinois
Williams, Charles M	Franklin Park, New Jersey

#### SENIORS

Amakyi, John Ocran Hanson	Shanti Roads, Salt Pond, Gold Coast West Africa
Kitchen, Lejie	Troy, Alabama
Manley, Modiste Martin	Beaumont, Texas
McDaniels, Cleveland	Quincy, Mississippi
Person, Lucius Aldridge*	Birmingham, Alabama
Robinson, Ismay	Mandeville, Jamaica, British West Indies

\* Part of Term.

Scott, Robert Nathaniel.....Falmouth, Jamaica, British West Indies  
 Smith, Benjamin F.....Alexandria, Louisiana

## MIDDLE CLASS

Alfred, Georgia.....Expose, Mississippi  
 Banks, Thomas J.\*.....Sylacauga, Alabama  
 Battles, James Davis.....Harrison, Georgia  
 Best, David.....Spanishtown, Jamaica, British West Indies  
 Brooks, Luther.....Savannahamar, Jamaica, British West Indies  
 Brown, Floyd\*.....Mound Bayou, Mississippi  
 Clow, James.....Oberlin, Oklahoma  
 Cole, Solomon.....Kinder, Louisiana  
 Dees, Rosa.....Camp Hugh, Alabama  
 Gousse, C. Marc.....Jacmel, Haiti  
 Handy, William.....Hazelhurst, Mississippi  
 Hardy, Thomas.....Fort Worth, Texas  
 Hicks, Ola.....Oxford, North Carolina  
 Hilliard, David\*.....Amarilla, Texas  
 Hrabowski, Addie.....Ensley, Alabama  
 Jackson, James Lee.....Orange, New Jersey  
 Johnson, Anderson.....Birmingham, Alabama  
 Kelley, Elijah.....Girard, Alabama  
 Lassiter, Daisy B.....Lavaca, Alabama  
 Marbly, Henry.....Choctaw, Alabama  
 McField, Otis.....Rutan, Honduras, Central America  
 McLester, Charles.....Bethune, South Carolina  
 Nelson, Frank.....Chappells, South Carolina  
 Raiford, Mary.....Atlanta, Georgia  
 Roundtree, Voaid.....Egypt, Georgia  
 Tarver, Eufaula.....Midway, Alabama  
 Tyndall, Henry.....Old Harbor, Jamaica, British West Indies  
 White, Samuel.....Mount Serrat, Harris Village, B. W. I.

## JUNIOR CLASS

Brazier, Eugene\*.....Ensley, Alabama  
 Bryant, Norman.....Wilmington, North Carolina  
 Carlton, John.....Lafayette, Alabama  
 Cooper, Sarah.....Starkville, Mississippi  
 Dixon, Rebecca.....Whittaker, Mississippi  
 Dotson, Hettie Louisa.....Edwards, Mississippi  
 Garrett, Grant.....Tenaha, Texas  
 Gooden, Henry Bartow\*.....Mumford, Alabama

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\* Part of Term.

Greenwoade, Elnora.....	Lafayette, Kentucky
Jessup, Mary G.*.....	Monroe, Georgia
Johnson, Stephen.....	Bessmay, Texas
Jones, Clinton.....	Bremen, Georgia
Jordan, Barzilla.....	Loachapoka, Alabama
Keeby, Joyful.....	Plateau, Alabama
Littman, Alfred*.....	Antanabo, Madagascar
Magee, William*.....	Franklinton, Louisiana
McMurray, Oda*.....	Heiberger, Alabama
Mawatili, Ponnett.....	Bulawayo, Matabele Land, South Africa
Porter, Woodie.....	Muskogee, Oklahoma
Richardson, Ruby P.*.....	Tuskegee, Alabama
Simmons, James Blanton.....	East Point, Georgia
Sloan, Richard.....	Charlotte, North Carolina
Smith, Cora.....	Philpot, Kentucky
Towns, Roxie.....	Dermott, Arkansas
Trammell, Bishop.....	Ragland, Alabama
Turner, Jonah.....	New Vienna, Ohio
Turner, William.....	Barlow, Mississippi
Washington, William G.....	Savannah, Georgia
Watkins, Thomas*.....	Birmingham, Alabama
Webster, Dennis Field*.....	Lecompte, Louisiana

#### SUMMER SCHOOL TEACHERS—1916

Abrams, John F.....	Manafalia, Alabama
Adams, Hassie.....	Bainbridge, Georgia
Aikins, Susie.....	Atlanta, Georgia
Allen, Bessie.....	Phoenix City, Alabama
Allen, Lubertha.....	Thomasville, Georgia
Allen, Rosa.....	Huntsville, Alabama
Allen, Willie.....	Tuscaloosa, Alabama
Anderson, Eugenia.....	Fawlston, Georgia
Anderson, Hazel.....	Union Springs, Alabama
Anderson, Vianna.....	Beaumont, Texas
Andrews, H. G.....	Jacksonville, Florida
Austin, Pauline.....	Heflin, Alabama
Austin, Charles.....	Girard, Alabama
Ashley, Ada.....	Columbus, Georgia
Bailey, Amanda.....	Lafayette, Alabama
Barney, Caroline.....	Tuscaloosa, Alabama
Barney, Joshua.....	Tuskegee, Alabama
Beauregard, Maggie.....	Columbus, Georgia

\* Part of Term.



Beavers, Cecile.....	Prattville, Alabama
Bell, Ethel.....	Elberton, Georgia
Bell, Etta.....	Anniston, Alabama
Bell, Hulon.....	Lexington, Kentucky
Bibb, Julia.....	Bessemer, Alabama
Bingham, Katie.....	Vicksburg, Mississippi
Blalocke, M. E.....	Meridian, Mississippi
Boazman, Mary.....	Opelika, Alabama
Bonner, A. L. M.....	Carrollton, Alabama
Boone, Lourenia.....	Banning, Georgia
Bowlin, Zetta.....	Atlanta, Georgia
Bozeman, Leslie.....	Sedalia, North Carolina
Brewer, Charlotte.....	Troy, Alabama
Brittain, Clara.....	Ensley, Alabama
Bright, Cora Lee.....	Fairhope, Alabama
Brooks, Katie L.....	Huntsville, Alabama
Brooks, Lucy.....	Tuskegee, Alabama
Brown, Amelia.....	Opelika, Alabama
Brown, Elizabeth.....	Lowndesboro, Alabama
Brown, Pattie.....	Birmingham, Alabama
Brown, P. J.....	Gallion, Alabama
Bruce, Rosa.....	Tuscaloosa, Alabama
Bryant, Rosa.....	Jacksonville, Florida
Burge, J. A.....	Acworth, Georgia
Burton, Ida F.....	Tuskegee, Alabama
Butler, Lunette.....	Marion, Alabama
Bradley, Daisy.....	Eidson, Tennessee
Brice, Paralee.....	Rogersville, Tennessee
Caffey, E. R.....	Florence, Alabama
Cameron, Maud.....	Canton, Mississippi
Cantrell, I. J.....	Monroe, Georgia
Carbo, Robertha.....	Denmark, South Carolina
Carleton, Annie.....	Lafayette, Alabama
Carlos, Pinkie.....	Tuskegee Institute, Alabama
Carrington, M. L.....	Plateau, Alabama
Carter, A. B.....	Garland, Alabama
Carter, Leana.....	Snow Hill, Alabama
Carter, Olivia.....	Atmore, Alabama
Caster, Reba.....	Uniontown, Alabama
Cavett, Queenie V.....	Macon, Mississippi
Chandler, Marguerete.....	Florence, Alabama
Chandler, Ollie.....	West Point, Mississippi
Chestnutt, Cleo.....	Cussetta, Alabama
Chunn, Mattie.....	Lacey Springs, Alabama

Clayton, Ruth.....	Clarksville, Georgia
Coar, Luella.....	Phoenix City, Alabama
Cobb, Elizabeth.....	Tuskegee, Alabama
Coleman, N. J.....	Tuskegee Institute, Alabama
Coleman, Mary A. (Mrs.).....	Lauderdale, Mississippi
Coleman, Mary A.....	Selma, Alabama
Collier, Z. C.....	Beaumont, Texas
Collins, Lena D.....	West Point, Georgia
Cooke, Eva E.....	Antoine, Arkansas
Cousins, Ella V.....	Eutaw, Alabama
Creath, Blanche.....	Winona, Mississippi
Cunningham, Sallie.....	Beatrice, Alabama
Cunningham, Susie.....	Evergreen, Alabama
Cunningham, Nellie.....	McFall, Alabama
Curtis, Mattie E.....	Inman, Alabama
Dacus, J. W.....	Brewton, Alabama
Daily, J. B.....	Helena, Arkansas
Davis, Minnie L.....	Columbus, Mississippi
Davis, Nova S.....	Braxton, Mississippi
Davenport, Le Belle.....	Monroe, Georgia
Dawson, Lily M.....	Brunswick, Georgia
Davis, A. A.....	Waynesboro, Mississippi
Deace, E. A.....	Birmingham, Alabama
Dean, Estella.....	Jackson, Mississippi
Dean, Willie.....	McRae, Georgia
DeSue, Addie.....	Jacksonville, Florida
Dickinson, Maud.....	Bashi, Alabama
Dinkins, Marie.....	Birmingham, Alabama
Dix, Dezzie C.....	LaGrange, Georgia
Dorsey, R. H.....	Kimbrough, Georgia
Driskell, Esther.....	Pelham, Georgia
Dunn, Alberta.....	New Orleans, Louisiana
Durr, Hattie.....	Abbeville, Alabama
Eastling, Electa.....	Kensington, Georgia
Everhart, Mattie.....	Athens, Georgia
Elder, L. P.....	Sandersville, Georgia
Ellis, Iola W.....	Memphis, Tennessee
Ellison, Lila.....	Hurtsboro, Alabama
Elmora, Nellie.....	Atmore, Alabama
Edwards, Beatrice.....	Tuskegee Institute, Alabama
Edwards, Inez O.....	Tuskegee Institute, Alabama
Edwards, Susie.....	Snow Hill, Alabama
Ewing, G. E.....	Helena, Arkansas
Fackler, Dora.....	Huntsville, Alabama

Fant, Cora O.....	Tuskegee Institute, Alabama
Fain, C. Nicholas.....	Rogersville, Tennessee
Farrior, Theresa.....	Brunswick, Georgia
Fears, Robie.....	Tuskegee Institute, Alabama
Ferguson, Mattie.....	Columbus, Mississippi
Fields, Irene.....	Manchester, Georgia
Finch, Eunice.....	N. Birmingham, Alabama
Finley, Mattie.....	Lafayette, Alabama
Ford, Rosa B.....	Halls, Tennessee
Forest, Ida.....	Sayreton, Alabama
Franklin, R. E.....	Knoxville, Tennessee
Freeman, Allene P.....	Anniston, Alabama
French, Zadie.....	Birmingham, Alabama
Gibson, W. E.....	Marion, South Carolina
Gadison, Marie.....	Snow Hill, Alabama
Ganns, Rosa B.....	Pensacola, Florida
Gardiner, Marion.....	Columbia, South Carolina
Garner, M. D. (Mrs.).....	Tuskegee Institute, Alabama
Gee, C. A.....	New Decatur, Alabama
George, B. H.....	Eupora, Mississippi
Gibson, Eunice.....	Port Gibson, Mississippi
Goodenough, B. E.....	Tuskegee, Alabama
Gordon, Annie.....	Columbia, Tennessee
Green, Tallulah.....	Tuskegee, Alabama
Greene, Mattie.....	Texarkana, Arkansas
Greene, Claudia M.....	New Decatur, Alabama
Greenlee, Edith.....	Bainbridge, Georgia
Greer, E. C.....	Birmingham, Alabama
Gregory, Juanita.....	Birmingham, Alabama
Grice, Cornelia.....	Marianna, Arkansas
Hampton, H. L.....	Tuscumbia, Alabama
Hampton, S. J.....	Tuscumbia, Alabama
Hankins, Martha.....	Fairhope, Alabama
Harper, Mattie.....	Tuskegee, Alabama
Harris, Addie.....	Harlem, Georgia
Harris, Janie A.....	Ashburn, Georgia
Harris, Mabel L.....	Birmingham, Alabama
Harris, Mamie D.....	Tuskegee, Alabama
Harris, Susie.....	Marion, Alabama
Harrison, Charity.....	Notasulga, Alabama
Harvey, Laura.....	Opelika, Alabama
Harville, Ida B.....	Eclectic, Alabama
Hawkins, Emma.....	McFall, Alabama
Harvey, H. D.....	Girard, Alabama

Harvey, Susie.....	Eufaula, Alabama
Hayes, Annie L.....	Arlington, Tennessee
Hemmons, Katie.....	Benson, Alabama
Higgins, Inez.....	Athens, Alabama
Higgins, Maud.....	Athens, Alabama
Hill, Harry W.....	Columbia, South Carolina
Hill, Rosa.....	Athens, Alabama
Hinson, Beatrix.....	Mobile, Alabama
Hinton, Lizzie W.....	Natchez, Alabama
Hobson, Alma D.....	Tuscaloosa, Alabama
Holloway, Elizabeth.....	Prentiss, Mississippi
Hosendove, Annie.....	Tuscumbia, Alabama
Hosmer, Nellie (Mrs.).....	Tuskegee Institute, Alabama
Hubert, Lucy.....	Crawfordville, Georgia
Hudson, Louise.....	Warrenton, Georgia
Hudson, Marguerite.....	Anniston, Alabama
Hughes, James K.....	Franklin, Tennessee
Hughes, Mamie.....	Chipley, Georgia
Hunt, Pearl.....	Huntsville, Alabama
Irones, Edith M.....	Sayreton, Alabama
Isom, Linnie.....	Memphis, Tennessee
Ivey, M. B.....	Union Springs, Alabama
Jackson, A. L.....	Pelham, Georgia
Jackson, Elberta.....	Union Springs, Alabama
Jackson, Ethel L.....	Anniston, Alabama
Jackson, Lucile.....	Sheffield, Alabama
Jackson, M. F.....	Crawford, Mississippi
James, H. P.....	Centreville, Alabama
Jamison, Flossie.....	Dermott, Arkansas
Johnson, Carrie.....	San Antonio, Texas
Johnson, Sarah E.....	Tuskegee Institute, Alabama
Jones, Bessie.....	Marvel, Arkansas
Jones, Edith.....	Malvern, Arkansas
Jones, Haddie.....	Brunswick, Georgia
Jones, J. B.....	Mt. Meigs, Alabama
Jones, Josephine.....	Osceola, Arkansas
Jones, Mamie.....	Huntsville, Alabama
Jones, Rosa L.....	Huntsville, Alabama
Jones, Seppie.....	Talladega, Alabama
Kelley, Lillian.....	Huntsville, Alabama
Kellough, A. B.....	Jacksonville, Florida
Kent, Lillie B.....	Selma, Alabama
King, Bertha.....	Macon, Georgia
King, Gertrude.....	Atlanta, Georgia



King, Maggie J.....	Selma, Alabama
Latting, Blanche.....	Tuskegee Institute, Alabama
Lee, Sanford H.....	Birmingham, Alabama
Lewis, Americus.....	Fairhope, Alabama
Lewis, Emily.....	Thomasville, Georgia
Lewis, Florence A.....	New Orleans, Louisiana
Lewis, Franceda.....	Beaumont, Texas
Lewis, Lillie Belle.....	Atlanta, Georgia
Lewis, Rillie M.....	Cotton Hill, Alabama
Lewis, William A.....	New Orleans, Louisiana
Lindsay, Effie O.....	Calera, Alabama
Lounds, Ruth.....	Birmingham, Alabama
Lowe, Marie L.....	Huntsville, Alabama
Macallister, Ruth.....	Vicksburg, Mississippi
Macallister, Sadie.....	Vicksburg, Mississippi
Mackey, Josephine.....	Quitman, Georgia
Mackey, Ruth.....	Quitman, Georgia
Madison, Carrie.....	Montgomery, Alabama
Mapp, L. H.....	Greensboro, Georgia
Marable, Martha.....	Wadley, Alabama
Marshall, S. R.....	Columbus, Georgia
Mason, Allie B.....	Vicksburg, Mississippi
Mattox, Samantha.....	Elberton, Georgia
May, Letteria.....	Tuskegee Institute, Alabama
McCauley, Leona M.....	Pine Level, Alabama
McClanahan, Elizabeth.....	Birmingham, Alabama
McCrary, Arthur.....	Calhoun, Alabama
McDaniels, Mamie.....	Ramer, Alabama
McDonald, Eula.....	Selma, Alabama
McDonald, Callie.....	Flint, Alabama
McDowell, Sallie.....	Birmingham, Alabama
McIntee, Rosa.....	Buena Vista, Georgia
McKay, Perilla.....	Notasulga, Alabama
McKay, Rosa.....	Notasulga, Alabama
McKinney, Nona.....	Huntsville, Alabama
McMillan, Willie.....	Tuskegee, Alabama
McNeil, Corinne.....	Mobile, Alabama
McNeil, Lillian.....	Mobile, Alabama
Myers, Georgia.....	Braxton, Mississippi
Mims, Beatrice.....	Selma, Alabama
Minor, Cornelia.....	Chattanooga Tennessee
Mitchell, Annie.....	West Butler, Alabama
Monk, Alzata.....	Phoenix City, Alabama
Montgomery, Bertha.....	Beatrice, Alabama

Moore, M. L.....	Alabama
Moore, Sarah.....	Brookhaven, Mississippi
Moore, Thurza.....	Dalton, Georgia
Morrell, N. C.....	Covington, Georgia
Morris, Lydia.....	Bay Minette, Alabama
Morris, M. E.....	Birmingham, Alabama
Morrow, Christine.....	Birmingham, Alabama
Mosely, J. D.....	Hawkinsville, Georgia
Mullens, Ada F.....	Brunswick, Tennessee
Murphy, James W.....	Opelika, Alabama
Myhand, Mary.....	Opelika, Alabama
Nall, J. B.....	Corona, Alabama
Nall, Katie.....	Corona, Alabama
Nash, E. B.....	Lafayette, Alabama
Neal, Dora.....	Tuskegee, Alabama
Neal, S. B.....	Nashville, Tennessee
Neely, Susie.....	Bessemer, Alabama
Netherland, Jennie.....	Rogersville, Tennessee
Netherland, Bessie.....	Rogersville, Tennessee
Newberry, Rosa.....	Buena Vista, Georgia
Nogest, Juanita.....	Tampa, Florida
Norris, Susie F.....	Mobile, Alabama
Oveltrea, E. V.....	St. Petersburg, Florida
Patrick, Gertha.....	Loachapoka, Alabama
Patrick, Mamie.....	Loachapoka, Alabama
Patton, Bettie.....	Toomsbua, Mississippi
Payne, Lillie.....	Brewton, Alabama
Pettaway, E. W.....	Orange, Texas
Phillips, Celia.....	Phoenix City, Alabama
Pickens, Mattie.....	Mobile, Alabama
Pollard, Frances.....	Beaumont, Teaxs
Pollard, T. T.....	Beaumont, Texas
Pouncey, James D.....	Enterprise, Alabama
Powell, Beatrice.....	Beaumont, Texas
Pritchett, Bizzell.....	Augusta, Georgia
Ragan, J. A.....	Americus, Georgia
Rakestraw, Ocie.....	Atlanta, Georgia
Rambo, E. L.....	Donalsonville, Georgia
Randall, William W.....	Leakesville, Mississippi
Rawls, Jno. D.....	Arlington, Alabama
Reese, J. P.....	Meridian, Mississippi
Reynolds, Frances.....	Irondale, Alabama
Richards, Bothina.....	Castleburg, Alabama
Richburg, Cora J.....	Tuskegee Institute, Alabama

Riggs, P. L.....	Northport, Alabama
Rivers, Sarah.....	Snow Hill, Alabama
Robbins, William.....	Mobile, Alabama
Roberts, E. D.....	Mesena, Georgia
Roberts, Ella.....	De Kalb, Mississippi
Roberts, Josie B.....	Thomasville, Georgia
Robinson, Lola.....	Montgomery, Alabama
Rodgers, Emma.....	Chestnut, Alabama
Rome, Clara M.....	Camilla, Georgia
Rosborough, Annie.....	Marshall, Texas
Ross, Mary C.....	Bluffton, Georgia
Rowle, Minnie.....	Notasulga, Alabama
Royal, M. N.....	Cottage Grove, Alabama
Roden, Julia.....	Huntsville, Alabama
Sapp, Lottie.....	Beaumont, Texas
Sayles, Josephine.....	Mobile, Alabama
Shackleford, Roxie.....	Covin, Alabama
Shelton, Ora.....	Selma, Alabama
Simmons, Carrie.....	Eatonton, Georgia
Simmons, Florence.....	Tuskegee, Alabama
Simmons, Phoebe.....	Eatonton, Georgia
Simpson, Minnie.....	Notasulga, Alabama
Skelton, Theodosia.....	Utica, Mississippi
Skinner, Julia.....	Dothan, Alabama
Small, Nina.....	Phoenix City, Alabama
Smith, Annie J.....	Prentiss, Mississippi
Smith, Beatrice.....	Carbon Hill, Alabama
Smith, Georgia.....	Roba, Alabama
Smith, Julia.....	Pittsburg, Georgia
Smith, Mattie D.....	Camden, Alabama
Snowden, Nannie D.....	Brewton, Alabama
Snyder, Edward L.....	Clearwater, Florida
Speer, Pennie B.....	Atlanta, Georgia
Spinks, Maggie.....	Stroven, Alabama
Stallings, Lula B.....	Bessemer, Alabama
Stephens, G. L.....	Girard, Alabama
Steverson, Maud.....	Ensley, Alabama
Striplin, Dora.....	Anniston, Alabama
Strong, A. M. P.....	Marianna, Arkansas
Summers, J. C.....	Opelika, Alabama
Sykes, Hattie C.....	Decatur, Alabama
Tart, Minnie.....	Meridian, Mississippi
Taylor, Emily.....	Summit, Mississippi
Taylor, Eunice.....	Xenia, Ohio

Taylor, Millie.....	Central Mills, Alabama
Taylor, Zolonia.....	Brunswick, Tennessee
Teague, Lois.....	Gadsden, Alabama
Terry, Dothula.....	Talladega, Alabama
Terry, Harriet.....	Talladega, Alabama
Thigpen, P. E.....	Waugh, Alabama
Thomas, Harry.....	Tuskegee, Alabama
Thomas, Isaac.....	Hattiesburg, Mississippi
Thomas, J. B.....	Snow Hill, Alabama
Thomas, Lula.....	Anniston, Alabama
Thomas, Rosina.....	Mobile, Alabama
Thompson, Essie.....	Beaumont, Texas
Thompson, Lizzie M.....	Atlanta, Georgia
Threatt, Jessie O.....	Memphis, Tennessee
Thurston, Hattie.....	Milstead, Alabama
Tillman, Ella.....	Live Oak, Florida
Tillman, Marie.....	Boston, Georgia
Tindell, E. H.....	Enterprise, Alabama
Toombs, J. E.....	Mobile, Alabama
Torrence, Bertha.....	Huntsville, Alabama
Torrey, Bertha A.....	Bessemer, Alabama
Trammell, Eunice.....	Marion, Alabama
Trammell, K. E.....	Marion, Alabama
Trawick, Dock.....	Tuskegee Institute, Alabama
Trent, E. E.....	Fort Smith, Arkansas
Trent, E. O.....	Fort Smith, Arkansas
Tubbs, Richard.....	Marion, Alabama
Tucker, Dinah.....	Eclectic, Alabama
Tucker, Limmie.....	Greensboro, Alabama
Tutt, Maggie L.....	Marion, Alabama
Tweedy, Oneita.....	Ensley, Alabama
Twiggs, Carrie.....	Beaumont, Texas
Vance, Della.....	Brinkley, Arkansas
Vарner, Marie.....	Tuskegee Institute, Alabama
Vaughns, Ethel.....	Williamson, Georgia
Wade, W. M.....	Tupelo, Mississippi
Walker, Annie.....	Tuskegee Institute, Alabama
Walker, Annie L.....	Montgomery, Alabama
Walker, Nettie.....	Centreville, Alabama
Walker, Rosá.....	Statesboro, Georgia
Walker, Sarah B.....	Sandersville, Georgia
Walker, S. L.....	Columbus, Mississippi
Wallace, E. M.....	Monticello, Arkansas
Warren, Roene L.....	Waynesboro, Mississippi



Washington, Bessie.....	Columbus, Mississippi
Washington, Minnie.....	Birmingham, Alabama
Watkins, Addie.....	Tuskegee, Alabama
Webb, Lillie.....	Sheffield, Alabama
Westfield, Viola.....	Anniston, Alabama
Weston, Daisy.....	Tuskegee, Alabama
Whatley, Ada.....	Sipsey, Alabama
Wheatt, Effie O.....	Lafayette, Alabama
Wheelis, Fannie.....	Loachapoka, Alabama
White, Laura.....	Birmingham, Alabama
White, Theodosia.....	Augusta, Georgia
Whitlow, Maud.....	Tuskegee Institute, Alabama
Wier, Julia.....	Anniston, Alabama
Wier, S. B.....	Anniston, Alabama
Williams, Artoria.....	Augusta, Georgia
Williams, Cornelia.....	Opelika, Alabama
Williams, Cornelia.....	Roanoke, Alabama
Williams, Fannie B.....	Opelika, Alabama
Williams, H. A.....	Sandersville, Georgia
Williams, J. W.....	Chattanooga, Tennessee
Williams, Katherine.....	Augusta, Georgia
Williams, K. C.....	Thomasville, Georgia
Williams, Lillian.....	Americus, Georgia
Williams, Lucy D.....	Adger, Alabama
Williams, Maggie.....	Birmingham, Alabama
Williams, Nannie.....	Love, Mississippi
Williams, Nona.....	Memphis, Tennessee
Williams, Rosa.....	Patton, Alabama
Williams, Susie.....	Langdale, Alabama
Williamson, Sopenia.....	Ozan, Arkansas
Wilson, Daisy.....	Selma, Alabama
Wilson, Lennie.....	Alexander City, Alabama
Wilson, W. J.....	Phoenix City, Alabama
Winslow, Alice.....	Birmingham, Alabama
Winston, L. W.....	Russellville, Alabama
Woods, Ethel.....	Statesboro, Georgia
Worthy, Madaline.....	Brunswick, Georgia
Washington, Josephine.....	Bainbridge, Georgia
Young, Annie.....	Toomsba, Mississippi
Young, E. H.....	West Tampa, Florida
Young, Johnnie.....	Macon, Georgia
Young, Tommie.....	Hernando, Mississippi
Young, Willia.....	Carlisle, Arkansas

# RECAPITULATION

## STATES AND FOREIGN COUNTRIES REPRESENTED

### AFRICA

Abyssinia, East Africa.....	1
Arabi, South West Africa.....	1
Gold Coast, West Africa.....	2
Cape Town, South Africa.....	1
Liberia, West Africa.....	2
Tembuland, Union of South Africa.....	1
Transvaal .....	1

Alabama .....	641
Arizona .....	1
Arkansas .....	61
California .....	12

### CENTRAL AMERICA

British Honduras .....	3
Costa Rica .....	2
Panama .....	12
Spanish Honduras .....	1

Colorado .....	6
Connecticut .....	5

### DANISH WEST INDIES

St. Croix .....	1
St. Thomas .....	1

District of Columbia .....	2
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Delaware .....	1
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England .....	1
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Florida .....	33
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Georgia .....	223
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Illinois .....	15
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Indiana .....	5
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Iowa .....	4
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Kansas .....	4
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Kentucky .....	16
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Louisiana .....	49
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Madagascar .....	1
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Maryland .....	4
----------------	---

Massachusetts .....	3
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Mexico .....	1
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Michigan .....	3
----------------	---

Mississippi .....	128
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Missouri .....	9
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New Jersey .....	3
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New York .....	7
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North Carolina .....	29
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Ohio .....	3
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Oklahoma .....	45
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Oregon .....	1
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Pennsylvania .....	11
Rhode Island .....	1
SOUTH AMERICA	
British Guiana .....	1
Columbia .....	1
Peru .....	1
South Carolina .....	45
Tennessee .....	26
Texas .....	94
Virginia .....	28
WEST INDIES	
Bermuda .....	1
Cuba .....	5
Haiti .....	2
Jamaica .....	15
St. Elizabeth .....	1
St. Kitts .....	1
Porto Rico .....	8
Trinidad .....	1
Troisselle .....	1
Turk's Island .....	1
Washington .....	1
West Virginia .....	4
Wyoming .....	1
<hr/>	
Total (Boys 950; Girls 645) .....	1,595
Average attendance Agricultural Short Course .....	278
Enrollment at Children's House .....	238
Enrollment Summer School, 1916 .....	413
<hr/>	
Grand Total .....	2,524
States represented .....	37
Foreign countries represented .....	24

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and Industrial Institute, Alabama.

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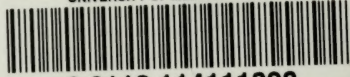








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